

Automation & Sensor
INDUCTIVE SENSOR

Industrial • Communication • Development
Your Best Network Solution Partner





Think for technology

KRONZ is an independent company with more than 20 years of experience in the sensor industry. KRONZ develops, produces and sells industrial sensors and general industrial electronics worldwide.

Over the years, KRONZ has expanded its production line to become one of the most comprehensive ranges in the automation industry; focussing on the highest performance available.

KRONZ's innovations and the high standard of its technology enable us to produce the thinnest and shortest sensors, quadruple sensing distances, high pressure proof, heatproof, and extremely resistant metal-face proximity switches.

Global organization

KRONZ is one of the world's leading developers and manufacturers of inductive and capacitive technology with customers in Europe, North and Latin America, Asia, Africa, and the Middle East. The organization operates in compliance with the strict rules and directives of ISO 9001:2008.

Our headquarters, situated in a modern 2000 m² facility in the vicinity of Frankfurt, Germany, is home to our Financial and Sales, Research and Development, Customer Support, and Shipping departments. Customers benefit from the synergistic nature of our organization: KRONZ produces in Germany and in cooperation with selected strategic production facilities within the European Union.

Dynamic research and development

Research and Development are the heart of the company. Due to the expertise we have gained from many years of implementing individual solutions, we are able to adapt our products to meet almost any customer need.

If special housings are required, then we design them in 3D. KRONZ has rapid prototyping for any shape and can provide IGES or STEP files in advance to check that the planned integration will be possible.

All KRONZ products are built to the highest accuracy and are fully tested after production. The marking on the products shows the conformity to EU and EN standards and directives.



*Rely on providing personalized
and reliable on-site services*

Targeted market

- Mechanical manufacturing and equipment engineering
- Automotive industry
- Warehousing and transportation industry
- Printing, papermaking and finishing
- Packaging industry
- Food and beverage industry
- Petrochemical
- Rail Transit

Service

Timely, accurate and in place.

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MINIATURE

Inductive Sensors



TOP BENEFITS

Fully embedded Amplifier

Very short housings also in the Performance series

Stainless steel housings, potted with epoxy and fiber-glass reinforced substrates / PCBs for maximum long-term stability

HAUPTVORTEILE

Vollständig integrierter Verstärker

Sehr kurze Bauformen ebenfalls in der Performance Serie

Edelstahlgehäuse, Epoxidverguss und Glasfaserverstärkte Substrate / Leiterplatten für maximale Langzeitstabilität

Ø 3 cylindrical miniaturized inductive sensors

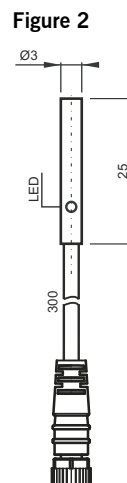
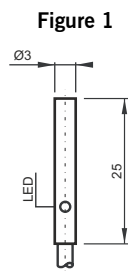
Ø 3-0.6、0.8、1mm,Shielded

- Housing: Stainless Steel
- Sensing Face: PBT
- Operating Voltage: 10...30 VDC
- Operating Temperature: -25...70 °C
- Protection Class: IP67
- Switching Indicator: built-in
- Connection: 0.3m M8 connector; 2 m PVC cable



Order code	Working distance	Installation	Output	Operating voltage	Output current	Switching frequency	Temperature range	Connection	Body length	Dimensions
IS06-PSD30P25-A2P	0.6mm	Shielded	PNP, NO	10...30 VDC	<200mA	2KHZ	-25°C...70°C	2 m PVC cable	Standard 25mm	Figure 1
IS06-PSD3CP25-A2P			PNP, NC							
IS06-PSD30N25-A2P			NPN, NO							
IS06-PSD3CN25-A2P			NPN, NC							
IS06-PSD30P25-3P8	0.6mm	Shielded	PNP, NO	10...30 VDC	<200mA	2KHZ	-25°C...70°C	0.3m M8 connector	25mm	Figure 2
IS06-PSD3CP25-3P8			PNP, NC							
IS06-PSD30N25-3P8			NPN, NO							
IS06-PSD3CN25-3P8			NPN, NC							
IS08-PSD30P25-A2P	0.8mm	Shielded	PNP, NO	10...30 VDC	<200mA	2KHZ	-25°C...70°C	2 m PVC cable	Standard 25mm	Figure 1
IS08-PSD3CP25-A2P			PNP, NC							
IS08-PSD30N25-A2P			NPN, NO							
IS08-PSD3CN25-A2P			NPN, NC							
IS1-PSD30P25-A2P	1mm	Shielded	PNP, NO	10...30 VDC	<200mA	2KHZ	-25°C...70°C	2 m PVC cable	25mm	Figure 1
IS1-PSD3CP25-A2P			PNP, NC							
IS1-PSD30N25-A2P			NPN, NO							
IS1-PSD3CN25-A2P			NPN, NC							

Dimensions



M4 cylindrical miniaturized inductive sensors

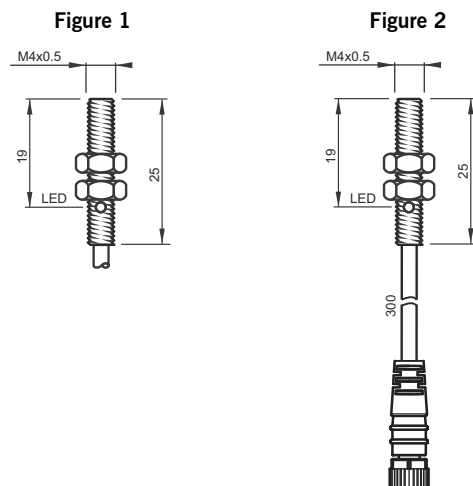
M4-0.6、0.8、1mm,Shielded

- Housing: Stainless Steel
- Sensing Face: PBT
- Operating Voltage: 10...30 VDC
- Operating Temperature: -25...70 °C
- Protection Class: IP67
- Switching Indicator: built-in
- Connection: 0.3m M8 connector; 2 m PVC cable



Order code	Working distance	Installation	Output	Operating voltage	Output current	Switching frequency	Temperature range	Connection	Body length	Dimensions
IS06-PS40P25-A2P	0.6mm	Shielded	PNP, NO	10...30 VDC	<200mA	2KHZ	-25°C...70°C	2 m PVC cable	Standard 25mm	Figure 1
IS06-PS4CP25-A2P			PNP, NC							
IS06-PS40N25-A2P			NPN, NO							
IS06-PS4CN25-A2P			NPN, NC							
IS06-PS40P25-3P8	0.6mm	Shielded	PNP, NO	10...30 VDC	<200mA	2KHZ	-25°C...70°C	0.3m M8 connector	25mm	Figure 2
IS06-PS4CP25-3P8			PNP, NC							
IS06-PS40N25-3P8			NPN, NO							
IS06-PS4CN25-3P8			NPN, NC							
IS08-PS40P25-A2P	0.8mm	Shielded	PNP, NO	10...30 VDC	<200mA	2KHZ	-25°C...70°C	2 m PVC cable	Standard 25mm	Figure 1
IS08-PS4CP25-A2P			PNP, NC							
IS08-PS40N25-A2P			NPN, NO							
IS08-PS4CN25-A2P			NPN, NC							
IS1-PS40P25-A2P	1mm	Shielded	PNP, NO	10...30 VDC	<200mA	2KHZ	-25°C...70°C	2 m PVC cable	25mm	Figure 1
IS1-PS4CP25-A2P			PNP, NC							
IS1-PS40N25-A2P			NPN, NO							
IS1-PS4CN25-A2P			NPN, NC							

Dimensions



Ø 4 cylindrical miniaturized inductive sensors

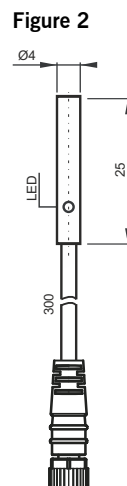
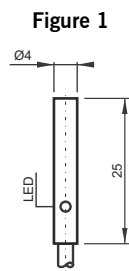
Ø 4 - 0.8、1、1.5mm,Shielded

- Housing: Stainless Steel
- Sensing Face: PBT
- Operating Voltage: 10...30 VDC
- Operating Temperature: -25...70 °C
- Protection Class: IP67
- Switching Indicator: built-in
- Connection: 0.3m M8 connector; 2 m PVC cable



Order code	Working distance	Installation	Output	Operating voltage	Output current	Switching frequency	Temperature range	Connection	Body length	Dimensions
IS08-PSD40P25-A2P	0.8mm	Shielded	PNP, NO	10...30 VDC	<200mA	2KHZ	-25°C...70°C	2 m PVC cable	Standard 25mm	Figure 1
IS08-PSD4CP25-A2P			PNP, NC							
IS08-PSD4ON25-A2P			NPN, NO							
IS08-PSD4CN25-A2P			NPN, NC							
IS08-PSD40P25-3P8	0.8mm	Shielded	PNP, NO	10...30 VDC	<200mA	2KHZ	-25°C...70°C	0.3m M8 connector	25mm	Figure 2
IS08-PSD4CP25-3P8			PNP, NC							
IS08-PSD4ON25-3P8			NPN, NO							
IS08-PSD4CN25-3P8			NPN, NC							
IS1-PSD40P25-A2P	1mm	Shielded	PNP, NO	10...30 VDC	<200mA	2KHZ	-25°C...70°C	2 m PVC cable	Standard 25mm	Figure 1
IS1-PSD4CP25-A2P			PNP, NC							
IS1-PSD4ON25-A2P			NPN, NO							
IS1-PSD4CN25-A2P			NPN, NC							
IS1.5-PSD40P25-A2P	1.5mm	Semi-shielded	PNP, NO	10...30 VDC	<200mA	2KHZ	-25°C...70°C	2 m PVC cable	25mm	Figure 1
IS1.5-PSD4CP25-A2P			PNP, NC							
IS1.5-PSD4ON25-A2P			NPN, NO							
IS1.5-PSD4CN25-A2P			NPN, NC							

Dimensions



M5 cylindrical miniaturized inductive sensors

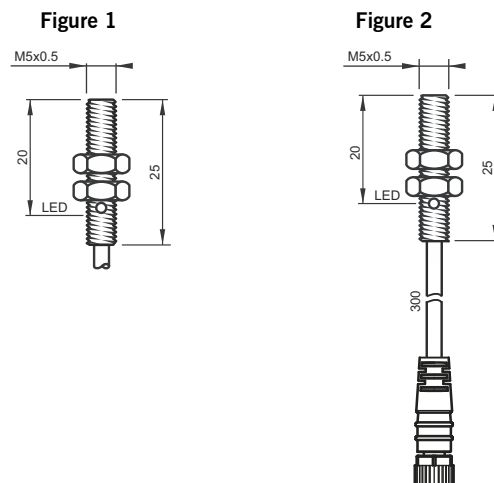
M5-0.8、1、1.5mm,Shielded

- Housing: Stainless Steel
- Sensing Face: PBT
- Operating Voltage: 10...30 VDC
- Operating Temperature: -25...70 °C
- Protection Class: IP67
- Switching Indicator: built-in
- Connection: 0.3m M8 connector; 2 m PVC cable



Order code	Working distance	Installation	Output	Operating voltage	Output current	Switching frequency	Temperature range	Connection	Body length	Dimensions
IS08-PS50P25-A2P	0.8mm	Shielded	PNP, NO	10...30 VDC	<200mA	2KHZ	-25°C...70°C	2 m PVC cable	25mm	Figure 1
IS08-PS5CP25-A2P			PNP, NC							
IS08-PS50N25-A2P			NPN, NO							
IS08-PS5CN25-A2P			NPN, NC							
IS08-PS50P25-3P8	0.8mm	Shielded	PNP, NO	10...30 VDC	<200mA	2KHZ	-25°C...70°C	0.3m M8 connector	25mm	Figure 2
IS08-PS5CP25-3P8			PNP, NC							
IS08-PS50N25-3P8			NPN, NO							
IS08-PS5CN25-3P8			NPN, NC							
IS1-PS50P25-A2P	1mm	Shielded	PNP, NO	10...30 VDC	<200mA	2KHZ	-25°C...70°C	2 m PVC cable	25mm	Figure 1
IS1-PS5CP25-A2P			PNP, NC							
IS1-PS50N25-A2P			NPN, NO							
IS1-PS5CN25-A2P			NPN, NC							
IS1.5-PS50P25-A2P	1.5mm	Shielded	PNP, NO	10...30 VDC	<200mA	2KHZ	-25°C...70°C	2 m PVC cable	25mm	Figure 1
IS1.5-PS5CP25-A2P			PNP, NC							
IS1.5-PS50N25-A2P			NPN, NO							
IS1.5-PS5CN25-A2P			NPN, NC							

Dimensions



M5 cylindrical miniaturized inductive sensors

M5 - 0.8、1、1.5mm,Shielded

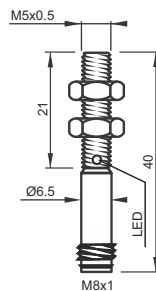


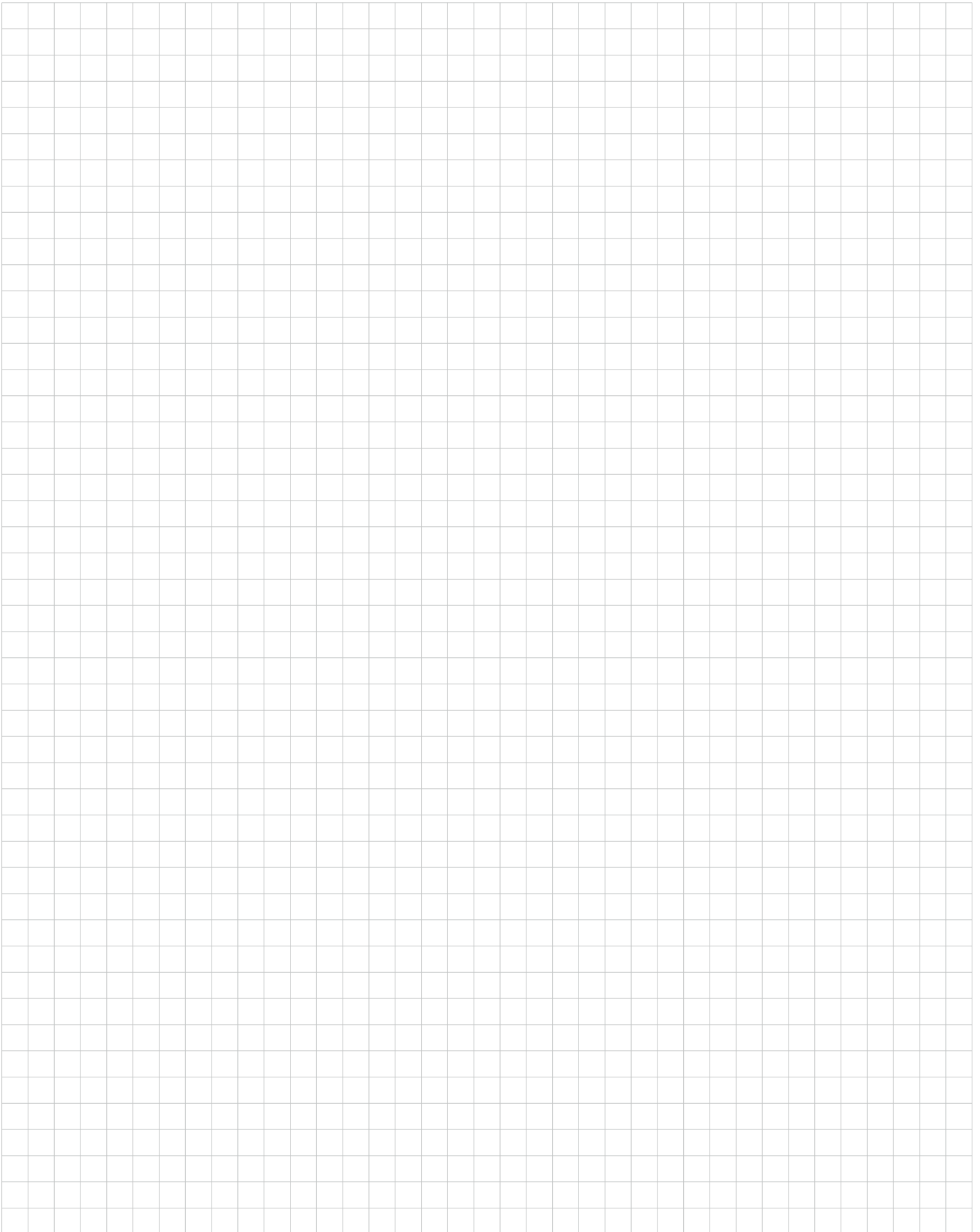
- Housing: Stainless Steel
- Sensing Face: PBT
- Operating Voltage: 10...30 VDC
- Operating Temperature: -25...70 °C
- Protection Class: IP67
- Switching Indicator: built-in
- Connection: M8 connector

Order code	Working distance	Installation	Output	Operating voltage	Output current	Switching frequency	Temperature range	Connection	Body length	Dimensions
IS08-PS50P40-A8	0.8mm	Shielded	PNP, NO	10...30 VDC	<200mA	2KHZ	-25°C...70°C	M8 connector	Standard 40mm	Figure 1
IS08-PS5CP40-A8			PNP, NC							
IS08-PS50N40-A8			NPN, NO							
IS08-PS5CN40-A8			NPN, NC							
IS1-PS50P40-A8	1mm	Shielded	PNP, NO	10...30 VDC	<200mA	2KHZ	-25°C...70°C	M8 connector	40mm	Figure 1
IS1-PS5CP40-A8			PNP, NC							
IS1-PS50N40-A8			NPN, NO							
IS1-PS5CN40-A8			NPN, NC							
IS1.5-PS50P40-A8	1.5mm	Semi-shielded	PNP, NO	10...30 VDC	<200mA	2KHZ	-25°C...70°C	M8 connector	40mm	Figure 1
IS1.5-PS5CP40-A8			PNP, NC							
IS1.5-PS50N40-A8			NPN, NO							
IS1.5-PS5CN40-A8			NPN, NC							

Dimensions

Figure 1





PERFORMANCE

Inductive Sensors



TOP BENEFITS

Best-in-class sensing distances, e.g.

M8, semi-shielded, 4 mm

M12, semi-shielded, 8 mm

M18, semi-shielded, 15 mm

M30, not shielded, 50 mm

Short housings, e.g.

M8, semi-shielded, 4 mm, 18 mm short

M12, semi-shielded, 6 mm, 22 mm short

HAUPTVORTEILE

Höchste Schaltabstände ihrer Klasse, bspw.

M8, quasi-bündig, 4 mm

M12, quasi-bündig, 8 mm

M18, quasi-bündig, 15 mm

M30, nicht bündig, 50 mm

Kurze Bauformen, bspw.

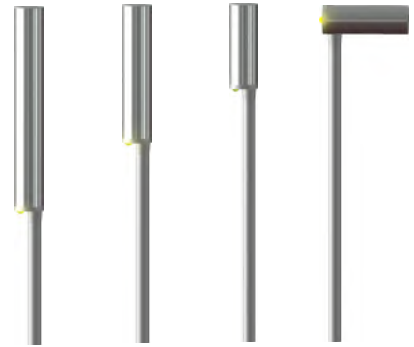
M8, quasi-bündig, 4 mm, 18 mm kurz

M12, quasi-bündig, 6 mm, 22 mm kurz

Ø 6.5 cylindrical inductive sensors

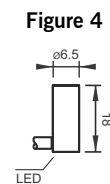
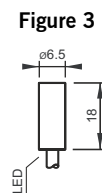
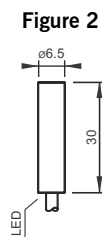
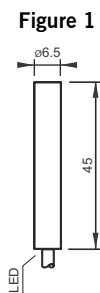
Ø 6.5-1mm,Shielded

- Housing Stainless Steel
- Sensing Face PBT
- Operating Voltage 10...30 VDC
- Operating Temperature -25...70 °C
- Protection Class IP67
- Switching Indicator built-in
- Connection 2 m PVC cable



Order code	Working distance	Installation	Output	Operating voltage	Output current	Switching frequency	Temperature range	Connection	Body length	Dimensions
IS1-PSD60P45-A2P	1mm	Shielded	PNP, NO	10...30 VDC	<200mA	2KHZ	-25°C...70°C	2 m PVC cable	Standard 45mm	Figure 1
IS1-PSD6CP45-A2P			PNP, NC							
IS1-PSD60N45-A2P			NPN, NO							
IS1-PSD6CN45-A2P			NPN, NC							
IS1-PSD6COP45-A2P			PNP, NO+NC							
IS1-PSD6CON45-A2P			NPN, NO+NC							
IS1-PSD60P30-A2P	1mm	Shielded	PNP, NO	10...30 VDC	<200mA	2KHZ	-25°C...70°C	2 m PVC cable	30mm	Figure 2
IS1-PSD6CP30-A2P			PNP, NC							
IS1-PSD60N30-A2P			NPN, NO							
IS1-PSD6CN30-A2P			NPN, NC							
IS1-PSD6COP30-A2P			PNP, NO+NC							
IS1-PSD6CON30-A2P			NPN, NO+NC							
IS1-PSD60P18-A12	1mm	Shielded	PNP, NO	10...30 VDC	<200mA	2KHZ	-25°C...70°C	2 m PVC cable	18mm	Figure 3
IS1-PSD6CP18-A12			PNP, NC							
IS1-PSD60N18-A12			NPN, NO							
IS1-PSD6CN18-A12			NPN, NC							
IS1-PSD6COP18-A12			PNP, NO+NC							
IS1-PSD6CON18-A12			NPN, NO+NC							
IS1-PSD60P18-RA2P	1mm	Shielded	PNP, NO	10...30 VDC	<200mA	2KHZ	-25°C...70°C	2 m PVC cable	18mm	Figure 4
IS1-PSD6CP18-RA2P			PNP, NC							
IS1-PSD60N18-RA2P			NPN, NO							
IS1-PSD6CN18-RA2P			NPN, NC							
IS1-PSD6COP18-RA2P			PNP, NO+NC							
IS1-PSD6CON18-RA2P			NPN, NO+NC							

Dimensions



Ø 6.5 cylindrical inductive sensors

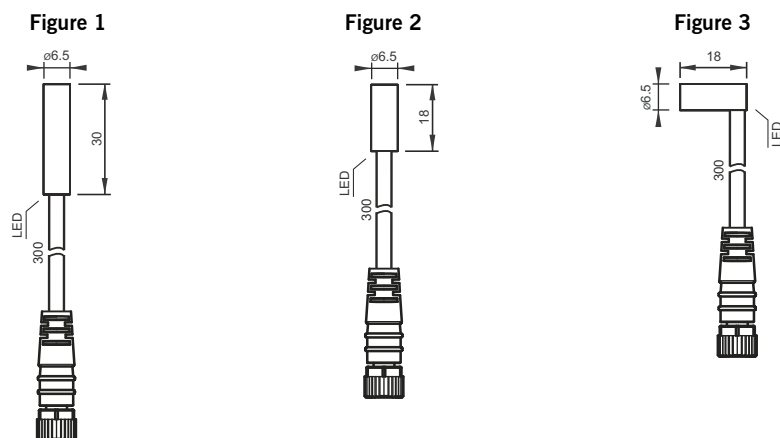
Ø 6.5-1mm, Shielded

- Housing: Stainless Steel
- Sensing Face: PBT
- Operating Voltage: 10...30 VDC
- Operating Temperature: -25...70 °C
- Protection Class: IP67
- Switching Indicator: built-in
- Connection: 0.3m M8 connector



Order code	Working distance	Installation	Output	Operating voltage	Output current	Switching frequency	Temperature range	Connection	Body length	Dimensions
IS1-PSD60P30-3P8	1mm	Shielded	PNP, NO	10...30 VDC	<200mA	2KHZ	-25°C...70°C	0.3 m M8 connector	30mm	Figure 1
IS1-PSD6CP30-3P8			PNP, NC							
IS1-PSD60N30-3P8			NPN, NO							
IS1-PSD6CN30-3P8			NPN, NC							
IS1-PSD6COP30-3P8			PNP, NO+NC							
IS1-PSD6CON30-3P8			NPN, NO+NC							
IS1-PSD60P18-3P8	1mm	Shielded	PNP, NO	10...30 VDC	<200mA	2KHZ	-25°C...70°C	0.3 m M8 connector	18mm	Figure 2
IS1-PSD6CP18-3P8			PNP, NC							
IS1-PSD60N18-3P8			NPN, NO							
IS1-PSD6CN18-3P8			NPN, NC							
IS1-PSD6COP18-3P8			PNP, NO+NC							
IS1-PSD6CON18-3P8			NPN, NO+NC							
IS1-PSD60P18-R3P8	1mm	Shielded	PNP, NO	10...30 VDC	<200mA	2KHZ	-25°C...70°C	0.3 m M8 connector	18mm	Figure 3
IS1-PSD6CP18-R3P8			PNP, NC							
IS1-PSD60N18-R3P8			NPN, NO							
IS1-PSD6CN18-R3P8			NPN, NC							
IS1-PSD6COP18-R3P8			PNP, NO+NC							
IS1-PSD6CON18-R3P8			NPN, NO+NC							

Dimensions



Ø 6.5 cylindrical inductive sensors

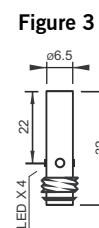
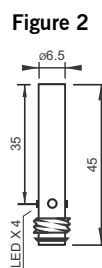
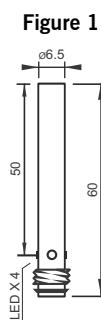
Ø 6.5-1mm,Shielded

- Housing Stainless Steel
- Sensing Face PBT
- Operating Voltage 10...30 VDC
- Operating Temperature -25...70 °C
- Protection Class IP67
- Switching Indicator built-in
- Connection M8 connector



Order code	Working distance	Installation	Output	Operating voltage	Output current	Switching frequency	Temperature range	Connection	Body length	Dimensions
IS1-PSD60P60-A8	1mm	Shielded	PNP, NO	10...30 VDC	<200mA	2KHZ	-25°C...70°C	M8 connector	Standard 60mm	Figure 1
IS1-PSD6CP60-A8			PNP, NC							
IS1-PSD60N60-A8			NPN, NO							
IS1-PSD6CN60-A8			NPN, NC							
IS1-PSD6COP60-A8			PNP, NO+NC							
IS1-PSD6CON60-A8			NPN, NO+NC							
IS1-PSD60P45-A8	1mm	Shielded	PNP, NO	10...30 VDC	<200mA	2KHZ	-25°C...70°C	M8 connector	45mm	Figure 2
IS1-PSD6CP45-A8			PNP, NC							
IS1-PSD60N45-A8			NPN, NO							
IS1-PSD6CN45-A8			NPN, NC							
IS1-PSD6COP45-A8			PNP, NO+NC							
IS1-PSD6CON45-A8			NPN, NO+NC							
IS1-PSD60P32-A8	1mm	Shielded	PNP, NO	10...30 VDC	<200mA	2KHZ	-25°C...70°C	M8 connector	32mm	Figure 3
IS1-PSD6CP32-A8			PNP, NC							
IS1-PSD60N32-A8			NPN, NO							
IS1-PSD6CN32-A8			NPN, NC							
IS1-PSD6COP32-A8			PNP, NO+NC							
IS1-PSD6CON32-A8			NPN, NO+NC							

Dimensions



Ø 6.5 cylindrical inductive sensors

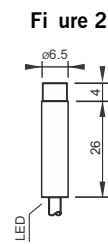
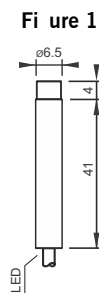
Ø 6.5-2mm, Unshielded

- Housing: Stainless Steel
- Sensing Face: PBT
- Operating Voltage: 10...30 VDC
- Operating Temperature: -25...70 °C
- Protection Class: IP67
- Switching Indicator: built-in
- Connection: 2 m PVC cable



Order code	Working distance	Installation	Output	Operating voltage	Output current	Switching frequency	Temperature range	Connection	Body length	Dimensions
IN2-PSD60P45-A2P	2mm	Unshielded	PNP, NO	10...30 VDC	<200mA	2KHZ	-25°C...70°C	2 m PVC cable	Standard 45mm	Figure 1
IN2-PSD6CP45-A2P			PNP, NC							
IN2-PSD60N45-A2P			NPN, NO							
IN2-PSD6CN45-A2P			NPN, NC							
IN2-PSD6COP45-A2P			PNP, NO+NC							
IN2-PSD6CON45-A2P			NPN, NO+NC							
IN2-PSD60P30-A2P	2mm	Unshielded	PNP, NO	10...30 VDC	<200mA	2KHZ	-25°C...70°C	2 m PVC cable	30mm	Figure 2
IN2-PSD6CP30-A2P			PNP, NC							
IN2-PSD60N30-A2P			NPN, NO							
IN2-PSD6CN30-A2P			NPN, NC							
IN2-PSD6COP30-A2P			PNP, NO+NC							
IN2-PSD6CON30-A2P			NPN, NO+NC							

Dimensions



Ø 6.5 cylindrical inductive sensors

Ø 6.5-2mm, Unshielded

- Housing: Stainless Steel
- Sensing Face: PBT
- Operating Voltage: 10...30 VDC
- Operating Temperature: -25...70 °C
- Protection Class: IP67
- Switching Indicator: built-in
- Connection: M8 connector



Order code	Working distance	Installation	Output	Operating voltage	Output current	Switching frequency	Temperature range	Connection	Body length	Dimensions
IN2-PSD60P60-A8	2mm	Unshielded	PNP, NO	10...30 VDC	<200mA	2KHZ	-25°C...70°C	M8 connector	Standard 60mm	Figure 1
IN2-PSD6CP60-A8			PNP, NC							
IN2-PSD60N60-A8			NPN, NO							
IN2-PSD6CN60-A8			NPN, NC							
IN2-PSD6COP60-A8			PNP, NO+NC							
IN2-PSD6CON60-A8			NPN, NO+NC							
IN2-PSD60P45-A8	2mm	Unshielded	PNP, NO	10...30 VDC	<200mA	2KHZ	-25°C...70°C	M8 connector	45mm	Figure 2
IN2-PSD6CP45-A8			PNP, NC							
IN2-PSD60N45-A8			NPN, NO							
IN2-PSD6CN45-A8			NPN, NC							
IN2-PSD6COP45-A8			PNP, NO+NC							
IN2-PSD6CON45-A8			NPN, NO+NC							

Dimensions

Figure 1

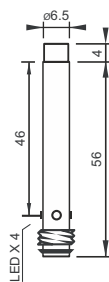
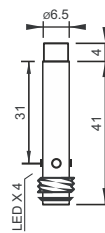


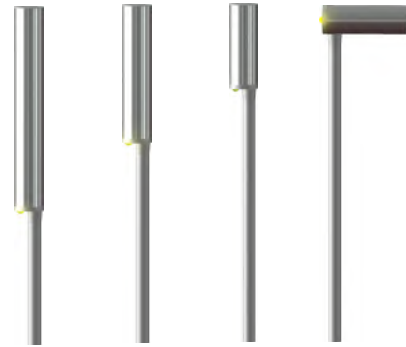
Figure 2



Ø 6.5 cylindrical inductive sensors

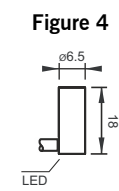
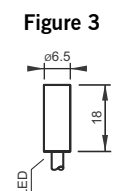
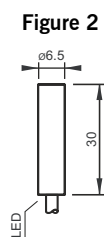
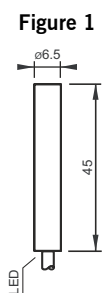
Ø 6.5-2mm,Shielded

- Housing Stainless Steel
- Sensing Face PBT
- Operating Voltage 10...30 VDC
- Operating Temperature -25...70 °C
- Protection Class IP67
- Switching Indicator built-in
- Connection 2 m PVC cable



Order code	Working distance	Installation	Output	Operating voltage	Output current	Switching frequency	Temperature range	Connection	Body length	Dimensions
IS2-PSD60P45-A2P	2mm	Shielded	PNP, NO	10...30 VDC	<200mA	2KHZ	-25°C...70°C	2 m PVC cable	Standard 45mm	Figure 2
IS2-PSD6CP45-A2P			PNP, NC							
IS2-PSD60N45-A2P			NPN, NO							
IS2-PSD6CN45-A2P			NPN, NC							
IS2-PSD6COP45-A2P			PNP, NO+NC							
IS2-PSD6CON45-A2P			NPN, NO+NC							
IS2-PSD60P30-A2P	2mm	Shielded	PNP, NO	10...30 VDC	<200mA	2KHZ	-25°C...70°C	2 m PVC cable	30mm	Figure 1
IS2-PSD6CP30-A2P			PNP, NC							
IS2-PSD60N30-A2P			NPN, NO							
IS2-PSD6CN30-A2P			NPN, NC							
IS2-PSD6COP30-A2P			PNP, NO+NC							
IS2-PSD6CON30-A2P			NPN, NO+NC							
IS2-PSD60P18-A12	2mm	Shielded	PNP, NO	10...30 VDC	<200mA	2KHZ	-25°C...70°C	2 m PVC cable	18mm	Figure 4
IS2-PSD6CP18-A12			PNP, NC							
IS2-PSD60N18-A12			NPN, NO							
IS2-PSD6CN18-A12			NPN, NC							
IS2-PSD6COP18-A12			PNP, NO+NC							
IS2-PSD6CON18-A12			NPN, NO+NC							
IS2-PSD60P18-RA2P	2mm	Shielded	PNP, NO	10...30 VDC	<200mA	2KHZ	-25°C...70°C	2 m PVC cable	18mm	Figure 3
IS2-PSD6CP18-RA2P			PNP, NC							
IS2-PSD60N18-RA2P			NPN, NO							
IS2-PSD6CN18-RA2P			NPN, NC							
IS2-PSD6COP18-RA2P			PNP, NO+NC							
IS2-PSD6CON18-RA2P			NPN, NO+NC							

Dimensions



Ø 6.5 cylindrical inductive sensors

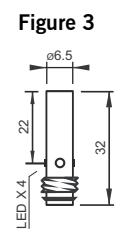
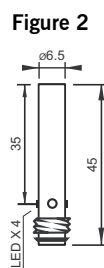
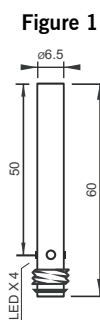
Ø 6.5-2mm,Shielded

- Housing Stainless Steel
- Sensing Face PBT
- Operating Voltage 10...30 VDC
- Operating Temperature -25...70 °C
- Protection Class IP67
- Switching Indicator built-in
- Connection M8 connector



Order code	Working distance	Installation	Output	Operating voltage	Output current	Switching frequency	Temperature range	Connection	Body length	Dimensions
IS2-PSD60P60-A8	2mm	Shielded	PNP, NO	10...30 VDC	<200mA	2KHZ	-25°C...70°C	M8 connector	Standard 60mm	Figure 1
IS2-PSD6CP60-A8			PNP, NC							
IS2-PSD60N60-A8			NPN, NO							
IS2-PSD6CN60-A8			NPN, NC							
IS2-PSD6COP60-A8			PNP, NO+NC							
IS2-PSD6CON60-A8			NPN, NO+NC							
IS2-PSD60P45-A8	2mm	Shielded	PNP, NO	10...30 VDC	<200mA	2KHZ	-25°C...70°C	M8 connector	45mm	Figure 2
IS2-PSD6CP45-A8			PNP, NC							
IS2-PSD60N45-A8			NPN, NO							
IS2-PSD6CN45-A8			NPN, NC							
IS2-PSD6COP45-A8			PNP, NO+NC							
IS2-PSD6CON45-A8			NPN, NO+NC							
IS2-PSD60P32-A8	2mm	Shielded	PNP, NO	10...30 VDC	<200mA	2KHZ	-25°C...70°C	M8 connector	32mm	Figure 3
IS2-PSD6CP32-A8			PNP, NC							
IS2-PSD60N32-A8			NPN, NO							
IS2-PSD6CN32-A8			NPN, NC							
IS2-PSD6COP32-A8			PNP, NO+NC							
IS2-PSD6CON32-A8			NPN, NO+NC							

Dimensions



Ø 6.5 cylindrical inductive sensors

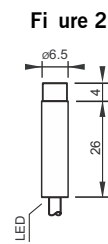
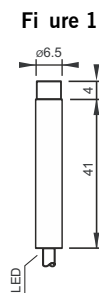
Ø 6.5-4mm, Unshielded

- Housing: Stainless Steel
- Sensing Face: PBT
- Operating Voltage: 10...30 VDC
- Operating Temperature: -25...70 °C
- Protection Class: IP67
- Switching Indicator: built-in
- Connection: 2 m PVC cable



Order code	Working distance	Installation	Output	Operating voltage	Output current	Switching frequency	Temperature range	Connection	Body length	Dimensions
IN4-PSD60P45-A2P	4mm	Unshielded	PNP, NO	10...30 VDC	<200mA	1KHZ	-25°C...70°C	2 m PVC cable	Standard 45mm	Figure 1
IN4-PSD6CP45-A2P			PNP, NC							
IN4-PSD60N45-A2P			NPN, NO							
IN4-PSD6CN45-A2P			NPN, NC							
IN4-PSD6COP45-A2P			PNP, NO+NC							
IN4-PSD6CON45-A2P			NPN, NO+NC							
IN4-PSD60P30-A2P	2mm	Unshielded	PNP, NO	10...30 VDC	<200mA	1KHZ	-25°C...70°C	2 m PVC cable	30mm	Figure 2
IN4-PSD6CP30-A2P			PNP, NC							
IN4-PSD60N30-A2P			NPN, NO							
IN4-PSD6CN30-A2P			NPN, NC							
IN4-PSD6COP30-A2P			PNP, NO+NC							
IN4-PSD6CON30-A2P			NPN, NO+NC							

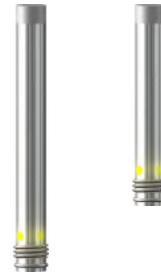
Dimensions



Ø 6.5 cylindrical inductive sensors

Ø 6.5-4mm, Unshielded

- Housing: Stainless Steel
- Sensing Face: PBT
- Operating Voltage: 10...30 VDC
- Operating Temperature: -25...70 °C
- Protection Class: IP67
- Switching Indicator: built-in
- Connection: M8 connector



Order code	Working distance	Installation	Output	Operating voltage	Output current	Switching frequency	Temperature range	Connection	Body length	Dimensions
IN4-PSD60P60-A8	4mm	Unshielded	PNP, NO	10...30 VDC	<200mA	1KHZ	-25°C...70°C	M8 connector	Standard 60mm	Figure 1
IN4-PSD6CP60-A8			PNP, NC							
IN4-PSD60N60-A8			NPN, NO							
IN4-PSD6CN60-A8			NPN, NC							
IN4-PSD6COP60-A8			PNP, NO+NC							
IN4-PSD6CON60-A8			NPN, NO+NC							
IN4-PSD60P45-A8	4mm	Unshielded	PNP, NO	10...30 VDC	<200mA	1KHZ	-25°C...70°C	M8 connector	45mm	Figure 2
IN4-PSD6CP45-A8			PNP, NC							
IN4-PSD60N45-A8			NPN, NO							
IN4-PSD6CN45-A8			NPN, NC							
IN4-PSD6COP45-A8			PNP, NO+NC							
IN4-PSD6CON45-A8			NPN, NO+NC							

Dimensions

Figure 1

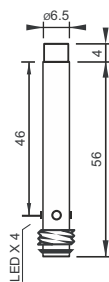
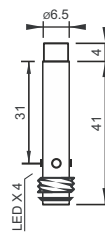


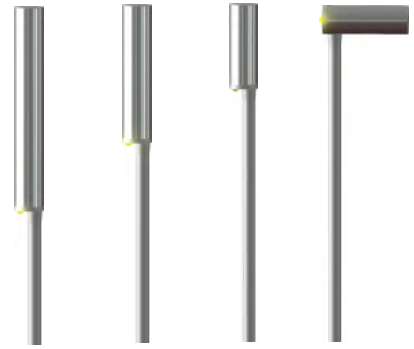
Figure 2



Ø 6.5 cylindrical inductive sensors

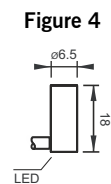
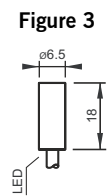
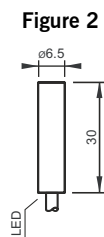
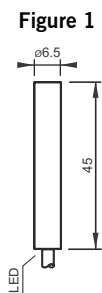
Ø 6.5-3mm, Semi-shielded

- Housing: Stainless Steel
- Sensing Face: PBT
- Operating Voltage: 10...30 VDC
- Operating Temperature: -25...70 °C
- Protection Class: IP67
- Switching Indicator: built-in
- Connection: 2 m PVC cable



Order code	Working distance	Installation	Output	Operating voltage	Output current	Switching frequency	Temperature range	Connection	Body length	Dimensions
IS3-PSD60P45-A2P	3mm	Semi-shielded	PNP, NO	10...30 VDC	<200mA	1KHZ	-25°C...70°C	2 m PVC cable	Standard 45mm	Figure 1
IS3-PSD6CP45-A2P			PNP, NC							
IS3-PSD60N45-A2P			NPN, NO							
IS3-PSD6CN45-A2P			NPN, NC							
IS3-PSD6COP45-A2P			PNP, NO+NC							
IS3-PSD6CON45-A2P			NPN, NO+NC							
IS3-PSD60P30-A2P	3mm	Semi-shielded	PNP, NO	10...30 VDC	<200mA	1KHZ	-25°C...70°C	2 m PVC cable	30mm	Figure 2
IS3-PSD6CP30-A2P			PNP, NC							
IS3-PSD60N30-A2P			NPN, NO							
IS3-PSD6CN30-A2P			NPN, NC							
IS3-PSD6COP30-A2P			PNP, NO+NC							
IS3-PSD6CON30-A2P			NPN, NO+NC							
IS3-PSD60P18-A12	3mm	Semi-shielded	PNP, NO	10...30 VDC	<200mA	1KHZ	-25°C...70°C	2 m PVC cable	18mm	Figure 3
IS3-PSD6CP18-A12			PNP, NC							
IS3-PSD60N18-A12			NPN, NO							
IS3-PSD6CN18-A12			NPN, NC							
IS3-PSD6COP18-A12			PNP, NO+NC							
IS3-PSD6CON18-A12			NPN, NO+NC							
IS3-PSD60P18-RA2P	3mm	Semi-shielded	PNP, NO	10...30 VDC	<200mA	1KHZ	-25°C...70°C	2 m PVC cable	18mm	Figure 4
IS3-PSD6CP18-RA2P			PNP, NC							
IS3-PSD60N18-RA2P			NPN, NO							
IS3-PSD6CN18-RA2P			NPN, NC							
IS3-PSD6COP18-RA2P			PNP, NO+NC							
IS3-PSD6CON18-RA2P			NPN, NO+NC							

Dimensions



Ø 6.5 cylindrical inductive sensors

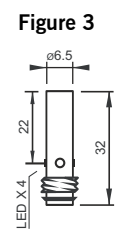
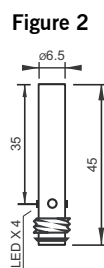
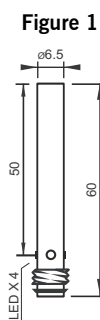
Ø 6.5-3mm, Semi-shielded

- Housing: Stainless Steel
- Sensing Face: PBT
- Operating Voltage: 10...30 VDC
- Operating Temperature: -25...70 °C
- Protection Class: IP67
- Switching Indicator: built-in
- Connection: M8 connector



Order code	Working distance	Installation	Output	Operating voltage	Output current	Switching frequency	Temperature range	Connection	Body length	Dimensions
IS3-PSD60P60-A8	3mm	Semi-shielded	PNP, NO	10...30 VDC	<200mA	1KHZ	-25°C...70°C	M8 connector	Standard 60mm	Figure 1
IS3-PSD6CP60-A8			PNP, NC							
IS3-PSD60N60-A8			NPN, NO							
IS3-PSD6CN60-A8			NPN, NC							
IS3-PSD6COP60-A8			PNP, NO+NC							
IS3-PSD6CON60-A8			NPN, NO+NC							
IS3-PSD60P45-A8	3mm	Semi-shielded	PNP, NO	10...30 VDC	<200mA	1KHZ	-25°C...70°C	M8 connector	45mm	Figure 2
IS3-PSD6CP45-A8			PNP, NC							
IS3-PSD60N45-A8			NPN, NO							
IS3-PSD6CN45-A8			NPN, NC							
IS3-PSD6COP45-A8			PNP, NO+NC							
IS3-PSD6CON45-A8			NPN, NO+NC							
IS3-PSD60P32-A8	3mm	Semi-shielded	PNP, NO	10...30 VDC	<200mA	1KHZ	-25°C...70°C	M8 connector	32mm	Figure 3
IS3-PSD6CP32-A8			PNP, NC							
IS3-PSD60N32-A8			NPN, NO							
IS3-PSD6CN32-A8			NPN, NC							
IS3-PSD6COP32-A8			PNP, NO+NC							
IS3-PSD6CON32-A8			NPN, NO+NC							

Dimensions



Ø 6.5 cylindrical inductive sensors

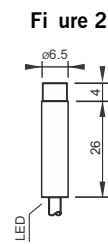
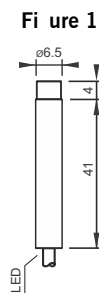
Ø 6.5-6mm, Unshielded

- Housing: Stainless Steel
- Sensing Face: PBT
- Operating Voltage: 10...30 VDC
- Operating Temperature: -25...70 °C
- Protection Class: IP67
- Switching Indicator: built-in
- Connection: 2 m PVC cable



Order code	Working distance	Installation	Output	Operating voltage	Output current	Switching frequency	Temperature range	Connection	Body length	Dimensions
IN6-PSD60P45-A2P	6mm	Unshielded	PNP, NO	10...30 VDC	<200mA	500HZ	-25°C...70°C	2 m PVC cable	Standard 45mm	Figure 1
IN6-PSD6CP45-A2P			PNP, NC							
IN6-PSD60N45-A2P			NPN, NO							
IN6-PSD6CN45-A2P			NPN, NC							
IN6-PSD6COP45-A2P			PNP, NO+NC							
IN6-PSD6CON45-A2P			NPN, NO+NC							
IN6-PSD60P30-A2P	6mm	Unshielded	PNP, NO	10...30 VDC	<200mA	500HZ	-25°C...70°C	2 m PVC cable	30mm	Figure 2
IN6-PSD6CP30-A2P			PNP, NC							
IN6-PSD60N30-A2P			NPN, NO							
IN6-PSD6CN30-A2P			NPN, NC							
IN6-PSD6COP30-A2P			PNP, NO+NC							
IN6-PSD6CON30-A2P			NPN, NO+NC							

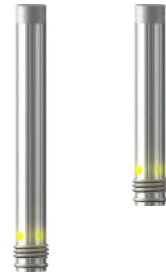
Dimensions



Ø 6.5 cylindrical inductive sensors

Ø 6.5-6mm, Unshielded

- Housing: Stainless Steel
- Sensing Face: PBT
- Operating Voltage: 10...30 VDC
- Operating Temperature: -25...70 °C
- Protection Class: IP67
- Switching Indicator: built-in
- Connection: M8 connector



Order code	Working distance	Installation	Output	Operating voltage	Output current	Switching frequency	Temperature range	Connection	Body length	Dimensions
IN6-PSD60P60-A8	6mm	Unshielded	PNP, NO	10...30 VDC	<200mA	500HZ	-25°C...70°C	M8 connector	Standard 60mm	Figure 1
IN6-PSD6CP60-A8			PNP, NC							
IN6-PSD60N60-A8			NPN, NO							
IN6-PSD6CN60-A8			NPN, NC							
IN6-PSD6COP60-A8			PNP, NO+NC							
IN6-PSD6CON60-A8			NPN, NO+NC							
IN6-PSD60P45-A8	6mm	Unshielded	PNP, NO	10...30 VDC	<200mA	500HZ	-25°C...70°C	M8 connector	45mm	Figure 2
IN6-PSD6CP45-A8			PNP, NC							
IN6-PSD60N45-A8			NPN, NO							
IN6-PSD6CN45-A8			NPN, NC							
IN6-PSD6COP45-A8			PNP, NO+NC							
IN6-PSD6CON45-A8			NPN, NO+NC							

Dimensions

Figure 1

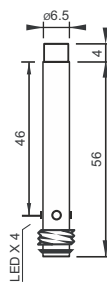
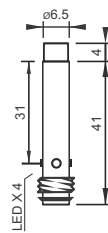


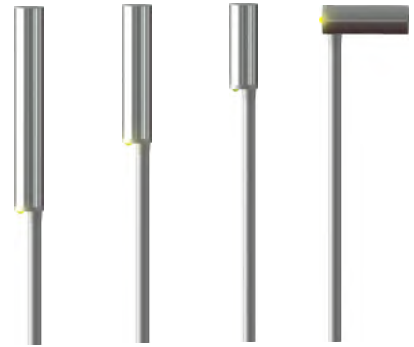
Figure 2



Ø 6.5 cylindrical inductive sensors

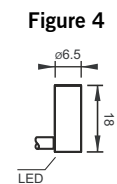
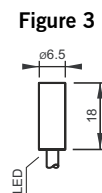
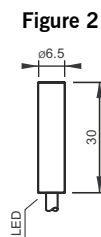
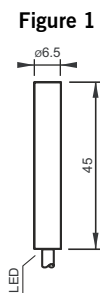
Ø 6.5-4mm, Semi-shielded

- Housing Brass
- Sensing Face PBT
- Operating Voltage 10...30 VDC
- Operating Temperature -25...70 °C
- Protection Class IP67
- Switching Indicator built-in
- Connection 2 m PVC cable



Order code	Working distance	Installation	Output	Operating voltage	Output current	Switching frequency	Temperature range	Connection	Body length	Dimensions
IS4-PSD60P45-A2P	4mm	Semi-shielded	PNP, NO	10...30 VDC	<200mA	500HZ	-25°C...70°C	2 m PVC cable	Standard 45mm	Figure 1
IS4-PSD6CP45-A2P			PNP, NC							
IS4-PSD60N45-A2P			NPN, NO							
IS4-PSD6CN45-A2P			NPN, NC							
IS4-PSD6COP45-A2P			PNP, NO+NC							
IS4-PSD6CON45-A2P			NPN, NO+NC							
IS4-PSD60P30-A2P	4mm	Semi-shielded	PNP, NO	10...30 VDC	<200mA	500HZ	-25°C...70°C	2 m PVC cable	30mm	Figure 2
IS4-PSD6CP30-A2P			PNP, NC							
IS4-PSD60N30-A2P			NPN, NO							
IS4-PSD6CN30-A2P			NPN, NC							
IS4-PSD6COP30-A2P			PNP, NO+NC							
IS4-PSD6CON30-A2P			NPN, NO+NC							
IS4-PSD60P18-A12	4mm	Semi-shielded	PNP, NO	10...30 VDC	<200mA	500HZ	-25°C...70°C	2 m PVC cable	18mm	Figure 3
IS4-PSD6CP18-A12			PNP, NC							
IS4-PSD60N18-A12			NPN, NO							
IS4-PSD6CN18-A12			NPN, NC							
IS4-PSD6COP18-A12			PNP, NO+NC							
IS4-PSD6CON18-A12			NPN, NO+NC							
IS4-PSD60P18-RA2P	4mm	Semi-shielded	PNP, NO	10...30 VDC	<200mA	500HZ	-25°C...70°C	2 m PVC cable	18mm	Figure 4
IS4-PSD6CP18-RA2P			PNP, NC							
IS4-PSD60N18-RA2P			NPN, NO							
IS4-PSD6CN18-RA2P			NPN, NC							
IS4-PSD6COP18-RA2P			PNP, NO+NC							
IS4-PSD6CON18-RA2P			NPN, NO+NC							

Dimensions



Ø 6.5 cylindrical inductive sensors

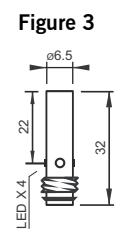
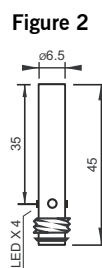
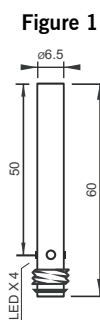
Ø 6.5-4mm, Semi-shielded

- Housing Brass
- Sensing Face PBT
- Operating Voltage 10...30 VDC
- Operating Temperature -25...70 °C
- Protection Class IP67
- Switching Indicator built-in
- Connection M8 connector



Order code	Working distance	Installation	Output	Operating voltage	Output current	Switching frequency	Temperature range	Connection	Body length	Dimensions
IS4-PSD60P60-A8	4mm	Semi-shielded	PNP, NO	10...30 VDC	<200mA	500HZ	-25°C...70°C	M8 connector	Standard 60mm	Figure 1
IS4-PSD6CP60-A8			PNP, NC							
IS4-PSD60N60-A8			NPN, NO							
IS4-PSD6CN60-A8			NPN, NC							
IS4-PSD6COP60-A8			PNP, NO+NC							
IS4-PSD6CON60-A8			NPN, NO+NC							
IS4-PSD60P45-A8	4mm	Semi-shielded	PNP, NO	10...30 VDC	<200mA	500HZ	-25°C...70°C	M8 connector	45mm	Figure 2
IS4-PSD6CP45-A8			PNP, NC							
IS4-PSD60N45-A8			NPN, NO							
IS4-PSD6CN45-A8			NPN, NC							
IS4-PSD6COP45-A8			PNP, NO+NC							
IS4-PSD6CON45-A8			NPN, NO+NC							
IS4-PSD60P32-A8	4mm	Semi-shielded	PNP, NO	10...30 VDC	<200mA	500HZ	-25°C...70°C	M8 connector	32mm	Figure 3
IS4-PSD6CP32-A8			PNP, NC							
IS4-PSD60N32-A8			NPN, NO							
IS4-PSD6CN32-A8			NPN, NC							
IS4-PSD6COP32-A8			PNP, NO+NC							
IS4-PSD6CON32-A8			NPN, NO+NC							

Dimensions



Ø 6.5 cylindrical inductive sensors

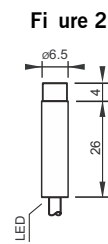
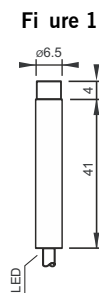
Ø 6.5-8mm, Unshielded

- Housing: Brass
- Sensing Face: PBT
- Operating Voltage: 10...30 VDC
- Operating Temperature: -25...70 °C
- Protection Class: IP67
- Switching Indicator: built-in
- Connection: 2 m PVC cable



Order code	Working distance	Installation	Output	Operating voltage	Output current	Switching frequency	Temperature range	Connection	Body length	Dimensions
IN8-PSD60P45-A2P	8mm	Unshielded	PNP, NO	10...30 VDC	<200mA	300HZ	-25°C...70°C	2 m PVC cable	Standard 45mm	Figure 1
IN8-PSD6CP45-A2P			PNP, NC							
IN8-PSD60N45-A2P			NPN, NO							
IN8-PSD6CN45-A2P			NPN, NC							
IN8-PSD6COP45-A2P			PNP, NO+NC							
IN8-PSD6CON45-A2P			NPN, NO+NC							
IN8-PSD60P30-A2P	8mm	Unshielded	PNP, NO	10...30 VDC	<200mA	300HZ	-25°C...70°C	2 m PVC cable	30mm	Figure 2
IN8-PSD6CP30-A2P			PNP, NC							
IN8-PSD60N30-A2P			NPN, NO							
IN8-PSD6CN30-A2P			NPN, NC							
IN8-PSD6COP30-A2P			PNP, NO+NC							
IN8-PSD6CON30-A2P			NPN, NO+NC							

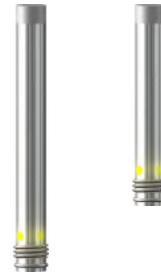
Dimensions



Ø 6.5 cylindrical inductive sensors

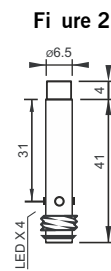
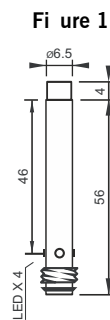
Ø 6.5-8mm, Unshielded

- Housing: Stainless Steel
- Sensing Face: PBT
- Operating Voltage: 10...30 VDC
- Operating Temperature: -25...70 °C
- Protection Class: IP67
- Switching Indicator: built-in
- Connection: M8 connector



Order code	Working distance	Installation	Output	Operating voltage	Output current	Switching frequency	Temperature range	Connection	Body length	Dimensions
IN8-PSD60P60-A8	8mm	Unshielded	PNP, NO	10...30 VDC	<200mA	300HZ	-25°C...70°C	M8 connector	Standard 60mm	Figure 1
IN8-PSD6CP60-A8			PNP, NC							
IN8-PSD60N60-A8			NPN, NO							
IN8-PSD6CN60-A8			NPN, NC							
IN8-PSD6COP60-A8			PNP, NO+NC							
IN8-PSD6CON60-A8			NPN, NO+NC							
IN8-PSD60P45-A8	8mm	Unshielded	PNP, NO	10...30 VDC	<200mA	300HZ	-25°C...70°C	M8 connector	45mm	Figure 2
IN8-PSD6CP45-A8			PNP, NC							
IN8-PSD60N45-A8			NPN, NO							
IN8-PSD6CN45-A8			NPN, NC							
IN8-PSD6COP45-A8			PNP, NO+NC							
IN8-PSD6CON45-A8			NPN, NO+NC							

Dimensions



Ø 6.5- cylindrical inductive sensors

Ø 6.5--1、2、3、4mm,Shielded

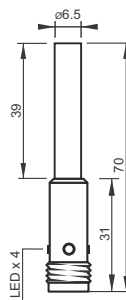
- Housing Stainless Steel/Brass(4mm)
- Sensing Face PBT
- Operating Voltage 10...30 VDC
- Operating Temperature -25...70 °C
- Protection Class IP67
- Switching Indicator built-in
- Connection M8 connector



Order code	Working distance	Installation	Output	Operating voltage	Output current	Switching frequency	Temperature range	Connection	Body length	Dimensions
IS1-PSD60P70-A12	1mm	Shielded	PNP, NO	10...30 VDC	<200mA	2KHZ	-25°C...70°C	M12 connector	Standard 70mm	Figure 1
IS1-PSD6CP70-A12			PNP, NC							
IS1-PSD60N70-A12			NPN, NO							
IS1-PSD6CN70-A12			NPN, NC							
IS1-PSD6COP70-A12			PNP, NO+NC							
IS1-PSD6CON70-A12			NPN, NO+NC							
IS2-PSD60P70-A12	2mm	Shielded	PNP, NO	10...30 VDC	<200mA	2KHZ	-25°C...70°C	M12 connector	Standard 70mm	Figure 1
IS2-PSD6CP70-A12			PNP, NC							
IS2-PSD60N70-A12			NPN, NO							
IS2-PSD6CN70-A12			NPN, NC							
IS2-PSD6COP70-A12			PNP, NO+NC							
IS2-PSD6CON70-A12			NPN, NO+NC							
IS3-PSD60P70-A12	3mm	Semi-shielded	PNP, NO	10...30 VDC	<200mA	1KHZ	-25°C...70°C	M12 connector	Standard 70mm	Figure 1
IS3-PSD6CP70-A12			PNP, NC							
IS3-PSD60N70-A12			NPN, NO							
IS3-PSD6CN70-A12			NPN, NC							
IS3-PSD6COP70-A12			PNP, NO+NC							
IS3-PSD6CON70-A12			NPN, NO+NC							
IS4-PSD60P70-A12	4mm	Semi-shielded	PNP, NO	10...30 VDC	<200mA	500HZ	-25°C...70°C	M12 connector	Standard 70mm	Figure 1
IS4-PSD6CP70-A12			PNP, NC							
IS4-PSD60N70-A12			NPN, NO							
IS4-PSD6CN70-A12			NPN, NC							
IS4-PSD6COP70-A12			PNP, NO+NC							
IS4-PSD6CON70-A12			NPN, NO+NC							

Dimensions

Figure 1



Ø 6.5- cylindrical inductive sensors

Ø 6.5-2、4、6、8mm,Unshielded

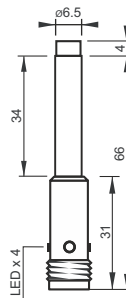
- Housing Stainless Steel/Brass(4mm)
- Sensing Face PBT
- Operating Voltage 10...30 VDC
- Operating Temperature -25...70 °C
- Protection Class IP67
- Switching Indicator built-in
- Connection M12 connector

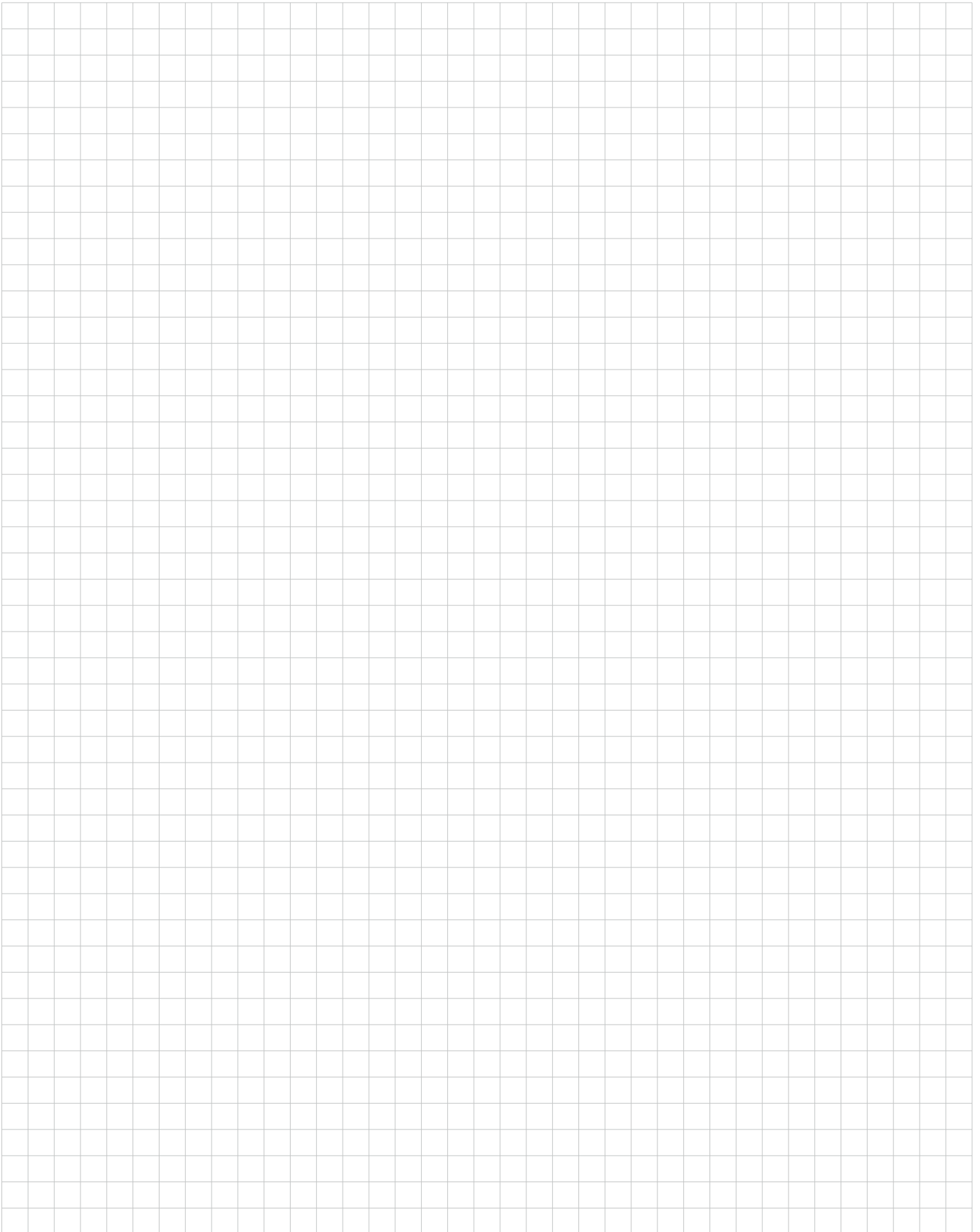


Order code	Working distance	Installation	Output	Operating voltage	Output current	Switching frequency	Temperature range	Connection	Body length	Dimensions
IN1-PS8OP70-A12	2mm	Unshielded	PNP, NO	10...30 VDC	<200mA	2KHZ	-25°C...70°C	M12 connector	Standard 70mm	Figure 1
IN1-PS8CP70-A12			PNP, NC							
IN1-PS8ON70-A12			NPN, NO							
IN1-PS8CN70-A12			NPN, NC							
IN1-PS8COP70-A12			PNP, NO+NC							
IN1-PS8CON70-A12			NPN, NO+NC							
IN2-PS8OP70-A12	4mm	Unshielded	PNP, NO	10...30 VDC	<200mA	1KHZ	-25°C...70°C	M12 connector	Standard 70mm	Figure 1
IN2-PS8CP70-A12			PNP, NC							
IN2-PS8ON70-A12			NPN, NO							
IN2-PS8CN70-A12			NPN, NC							
IN2-PS8COP70-A12			PNP, NO+NC							
IN2-PS8CON70-A12			NPN, NO+NC							
IN3-PS8OP70-A12	6mm	Unshielded	PNP, NO	10...30 VDC	<200mA	500HZ	-25°C...70°C	M12 connector	Standard 70mm	Figure 1
IN3-PS8CP70-A12			PNP, NC							
IN3-PS8ON70-A12			NPN, NO							
IN3-PS8CN70-A12			NPN, NC							
IN3-PS8COP70-A12			PNP, NO+NC							
IN3-PS8CON70-A12			NPN, NO+NC							
IN4-PS8OP70-A12	8mm	Unshielded	PNP, NO	10...30 VDC	<200mA	300HZ	-25°C...70°C	M12 connector	Standard 70mm	Figure 1
IN4-PS8CP70-A12			PNP, NC							
IN4-PS8ON70-A12			NPN, NO							
IN4-PS8CN70-A12			NPN, NC							
IN4-PS8COP70-A12			PNP, NO+NC							
IN4-PS8CON70-A12			NPN, NO+NC							

Dimensions

Figure 1





M8 cylindrical inductive sensors

M8-1mm,Shielded

- Housing: Stainless Steel
- Sensing Face: PBT
- Operating Voltage: 10...30 VDC
- Operating Temperature: -25...70 °C
- Protection Class: IP67
- Switching Indicator: built-in
- Connection: 2 m PVC cable



Order code	Working distance	Installation	Output	Operating voltage	Output current	Switching frequency	Temperature range	Connection	Body length	Dimensions
IS1-PS80P45-A2P	1mm	Shielded	PNP, NO	10...30 VDC	<200mA	2KHZ	-25°C...70°C	2 m PVC cable	Standard 45mm	Figure 1
IS1-PS8CP45-A2P			PNP, NC							
IS1-PS80N45-A2P			NPN, NO							
IS1-PS8CN45-A2P			NPN, NC							
IS1-PS8COP45-A2P			PNP, NO+NC							
IS1-PS8CON45-A2P			NPN, NO+NC							
IS1-PS80P30-A2P	1mm	Shielded	PNP, NO	10...30 VDC	<200mA	2KHZ	-25°C...70°C	2 m PVC cable	30mm	Figure 2
IS1-PS8CP30-A2P			PNP, NC							
IS1-PS80N30-A2P			NPN, NO							
IS1-PS8CN30-A2P			NPN, NC							
IS1-PS8COP30-A2P			PNP, NO+NC							
IS1-PS8CON30-A2P			NPN, NO+NC							
IS1-PS80P18-A2P	1mm	Shielded	PNP, NO	10...30 VDC	<200mA	2KHZ	-25°C...70°C	2 m PVC cable	18mm	Figure 3
IS1-PS8CP18-A2P			PNP, NC							
IS1-PS80N18-A2P			NPN, NO							
IS1-PS8CN18-A2P			NPN, NC							
IS1-PS8COP18-A2P			PNP, NO+NC							
IS1-PS8CON18-A2P			NPN, NO+NC							

Dimensions

Figure 1

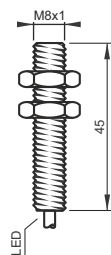


Figure 2

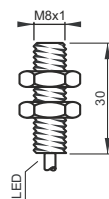
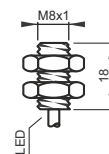


Figure 3



M8 cylindrical inductive sensors

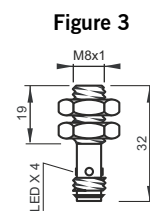
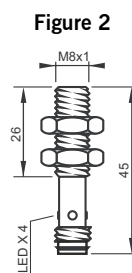
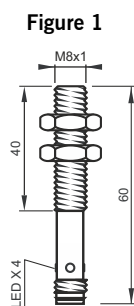
M8-1mm,Shielded

- Housing: Stainless Steel
- Sensing Face: PBT
- Operating Voltage: 10...30 VDC
- Operating Temperature: -25...70 °C
- Protection Class: IP67
- Switching Indicator: built-in
- Connection: M8 connector



Order code	Working distance	Installation	Output	Operating voltage	Output current	Switching frequency	Temperature range	Connection	Body length	Dimensions
IS1-PS80P60-A8	1mm	Shielded	PNP, NO	10...30 VDC	<200mA	2KHZ	-25°C...70°C	M8 connector	Standard 60mm	Figure 1
IS1-PS8CP60-A8			PNP, NC							
IS1-PS8ON60-A8			NPN, NO							
IS1-PS8CN60-A8			NPN, NC							
IS1-PS8COP60-A8			PNP, NO+NC							
IS1-PS8CON60-A8			NPN, NO+NC							
IS1-PS80P45-A8	1mm	Shielded	PNP, NO	10...30 VDC	<200mA	2KHZ	-25°C...70°C	M8 connector	45mm	Figure 2
IS1-PS8CP45-A8			PNP, NC							
IS1-PS8ON45-A8			NPN, NO							
IS1-PS8CN45-A8			NPN, NC							
IS1-PS8COP45-A8			PNP, NO+NC							
IS1-PS8CON45-A8			NPN, NO+NC							
IS1-PS80P32-A8	1mm	Shielded	PNP, NO	10...30 VDC	<200mA	2KHZ	-25°C...70°C	M8 connector	32mm	Figure 3
IS1-PS8CP32-A8			PNP, NC							
IS1-PS8ON32-A8			NPN, NO							
IS1-PS8CN32-A8			NPN, NC							
IS1-PS8COP32-A8			PNP, NO+NC							
IS1-PS8CON32-A8			NPN, NO+NC							

Dimensions



M8 cylindrical inductive sensors

M8-2mm, Unshielded

- Housing: Stainless Steel
- Sensing Face: PBT
- Operating Voltage: 10...30 VDC
- Operating Temperature: -25...70 °C
- Protection Class: IP67
- Switching Indicator: built-in
- Connection: 2 m PVC cable



Order code	Working distance	Installation	Output	Operating voltage	Output current	Switching frequency	Temperature range	Connection	Body length	Dimensions
IN2-PS8OP45-A2P	2mm	Unshielded	PNP, NO	10...30 VDC	<200mA	2KHZ	-25°C...70°C	2 m PVC cable	Standard 45mm	Figure 1
IN2-PS8CP45-A2P			PNP, NC							
IN2-PS8ON45-A2P			NPN, NO							
IN2-PS8CN45-A2P			NPN, NC							
IN2-PS8COP45-A2P			PNP, NO+NC							
IN2-PS8CON45-A2P			NPN, NO+NC							
IN2-PS8OP30-A2P	2mm	Unshielded	PNP, NO	10...30 VDC	<200mA	2KHZ	-25°C...70°C	2 m PVC cable	30mm	Figure 2
IN2-PS8CP30-A2P			PNP, NC							
IN2-PS8ON30-A2P			NPN, NO							
IN2-PS8CN30-A2P			NPN, NC							
IN2-PS8COP30-A2P			PNP, NO+NC							
IN2-PS8CON30-A2P			NPN, NO+NC							
IN2-PS8OP18-A2P	2mm	Unshielded	PNP, NO	10...30 VDC	<200mA	2KHZ	-25°C...70°C	2 m PVC cable	18mm	Figure 3
IN2-PS8CP18-A2P			PNP, NC							
IN2-PS8ON18-A2P			NPN, NO							
IN2-PS8CN18-A2P			NPN, NC							
IN2-PS8COP18-A2P			PNP, NO+NC							
IN2-PS8CON18-A2P			NPN, NO+NC							

Dimensions

Figure 1

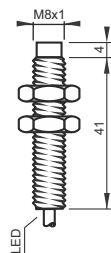


Figure 2

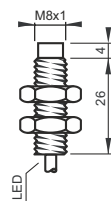
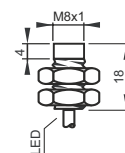


Figure 3



M8 cylindrical inductive sensors

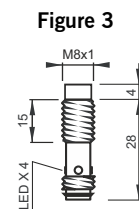
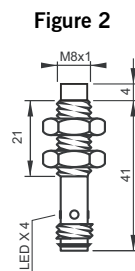
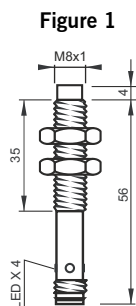
M8-2mm, Unshielded

- Housing: Stainless Steel
- Sensing Face: PBT
- Operating Voltage: 10...30 VDC
- Operating Temperature: -25...70 °C
- Protection Class: IP67
- Switching Indicator: built-in
- Connection: M8 connector



Order code	Working distance	Installation	Output	Operating voltage	Output current	Switching frequency	Temperature range	Connection	Body length	Dimensions
IN2-PS80P60-A8	2mm	Unshielded	PNP, NO	10...30 VDC	<200mA	2KHZ	-25°C...70°C	M8 connector	Standard 60mm	Figure 1
IN2-PS8CP60-A8			PNP, NC							
IN2-PS8ON60-A8			NPN, NO							
IN2-PS8CN60-A8			NPN, NC							
IN2-PS8COP60-A8			PNP, NO+NC							
IN2-PS8CON60-A8			NPN, NO+NC							
IN2-PS80P45-A8	2mm	Unshielded	PNP, NO	10...30 VDC	<200mA	2KHZ	-25°C...70°C	M8 connector	45mm	Figure 2
IN2-PS8CP45-A8			PNP, NC							
IN2-PS8ON45-A8			NPN, NO							
IN2-PS8CN45-A8			NPN, NC							
IN2-PS8COP45-A8			PNP, NO+NC							
IN2-PS8CON45-A8			NPN, NO+NC							
IN2-PS80P32-A8	2mm	Unshielded	PNP, NO	10...30 VDC	<200mA	2KHZ	-25°C...70°C	M8 connector	32mm	Figure 3
IN2-PS8CP32-A8			PNP, NC							
IN2-PS8ON32-A8			NPN, NO							
IN2-PS8CN32-A8			NPN, NC							
IN2-PS8COP32-A8			PNP, NO+NC							
IN2-PS8CON32-A8			NPN, NO+NC							

Dimensions



M8 cylindrical inductive sensors

M8-1mm,Shielded;2mm,Unshielded

- Housing: Stainless Steel
- Sensing Face: PBT
- Operating Voltage: 10...30 VDC
- Operating Temperature: -25...70 °C
- Protection Class: IP67
- Switching Indicator: built-in
- Connection: 0.3m M8 connector



Order code	Working distance	Installation	Output	Operating voltage	Output current	Switching frequency	Temperature range	Connection	Body length	Dimensions
IS1-PS8OP18-3P8	1mm	Shielded	PNP, NO	10...30 VDC	<200mA	2KHZ	-25°C...70°C	0.3 m M8 connector	18mm	Figure 1
IS1-PS8CP18-3P8			PNP, NC							
IS1-PS8ON18-3P8			NPN, NO							
IS1-PS8CN18-3P8			NPN, NC							
IS1-PS8COP18-3P8			PNP, NO+NC							
IS1-PS8CON18-3P8			NPN, NO+NC							
IN2-PS8OP18-3P8	2mm	Unshielded	PNP, NO	10...30 VDC	<200mA	2KHZ	-25°C...70°C	0.3 m M8 connector	18mm	Figure 2
IN2-PS8CP18-3P8			PNP, NC							
IN2-PS8ON18-3P8			NPN, NO							
IN2-PS8CN18-3P8			NPN, NC							
IN2-PS8COP18-3P8			PNP, NO+NC							
IN2-PS8CON18-3P8			NPN, NO+NC							

Dimensions

Figure 1

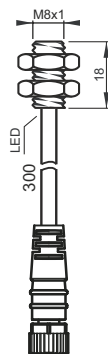
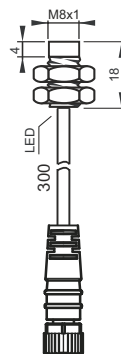


Figure 2



M8 cylindrical inductive sensors

M8-2mm,Shielded

- Housing: Stainless Steel
- Sensing Face: PBT
- Operating Voltage: 10...30 VDC
- Operating Temperature: -25...70 °C
- Protection Class: IP67
- Switching Indicator: built-in
- Connection: 2 m PVC cable



Order code	Working distance	Installation	Output	Operating voltage	Output current	Switching frequency	Temperature range	Connection	Body length	Dimensions
IS2-PS80P45-A2P	2mm	Shielded	PNP, NO	10...30 VDC	<200mA	2KHZ	-25°C...70°C	2 m PVC cable	Standard 45mm	Figure 1
IS2-PS8CP45-A2P			PNP, NC							
IS2-PS80N45-A2P			NPN, NO							
IS2-PS8CN45-A2P			NPN, NC							
IS2-PS8COP45-A2P			PNP, NO+NC							
IS2-PS8CON45-A2P			NPN, NO+NC							
IS2-PS80P30-A2P	2mm	Shielded	PNP, NO	10...30 VDC	<200mA	2KHZ	-25°C...70°C	2 m PVC cable	30mm	Figure 2
IS2-PS8CP30-A2P			PNP, NC							
IS2-PS80N30-A2P			NPN, NO							
IS2-PS8CN30-A2P			NPN, NC							
IS2-PS8COP30-A2P			PNP, NO+NC							
IS2-PS8CON30-A2P			NPN, NO+NC							
IS2-PS80P18-A2P	2mm	Shielded	PNP, NO	10...30 VDC	<200mA	2KHZ	-25°C...70°C	2 m PVC cable	18mm	Figure 3
IS2-PS8CP18-A2P			PNP, NC							
IS2-PS80N18-A2P			NPN, NO							
IS2-PS8CN18-A2P			NPN, NC							
IS2-PS8COP18-A2P			PNP, NO+NC							
IS2-PS8CON18-A2P			NPN, NO+NC							

Dimensions

Figure 1

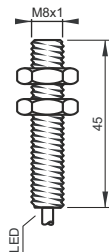


Figure 2

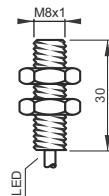
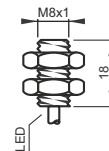


Figure 3



M8 cylindrical inductive sensors

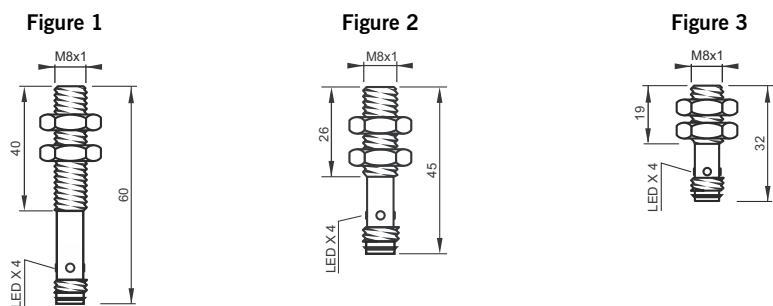
M8-2mm,Shielded

- Housing: Stainless Steel
- Sensing Face: PBT
- Operating Voltage: 10...30 VDC
- Operating Temperature: -25...70 °C
- Protection Class: IP67
- Switching Indicator: built-in
- Connection: M8 connector



Order code	Working distance	Installation	Output	Operating voltage	Output current	Switching frequency	Temperature range	Connection	Body length	Dimensions
IS2-PS80P60-A8	2mm	Shielded	PNP, NO	10...30 VDC	<200mA	2KHZ	-25°C...70°C	M8 connector	Standard 60mm	Figure 1
IS2-PS8CP60-A8			PNP, NC							
IS2-PS8ON60-A8			NPN, NO							
IS2-PS8CN60-A8			NPN, NC							
IS2-PS8COP60-A8			PNP, NO+NC							
IS2-PS8CON60-A8			NPN, NO+NC							
IS2-PS80P45-A8	2mm	Shielded	PNP, NO	10...30 VDC	<200mA	2KHZ	-25°C...70°C	M8 connector	45mm	Figure 2
IS2-PS8CP45-A8			PNP, NC							
IS2-PS8ON45-A8			NPN, NO							
IS2-PS8CN45-A8			NPN, NC							
IS2-PS8COP45-A8			PNP, NO+NC							
IS2-PS8CON45-A8			NPN, NO+NC							
IS2-PS80P32-A8	2mm	Shielded	PNP, NO	10...30 VDC	<200mA	2KHZ	-25°C...70°C	M8 connector	32mm	Figure 3
IS2-PS8CP32-A8			PNP, NC							
IS2-PS8ON32-A8			NPN, NO							
IS2-PS8CN32-A8			NPN, NC							
IS2-PS8COP32-A8			PNP, NO+NC							
IS2-PS8CON32-A8			NPN, NO+NC							

Dimensions



M8 cylindrical inductive sensors

M8-4mm, Unshielded

- Housing: Stainless Steel
- Sensing Face: PBT
- Operating Voltage: 10...30 VDC
- Operating Temperature: -25...70 °C
- Protection Class: IP67
- Switching Indicator: built-in
- Connection: 2 m PVC cable



Order code	Working distance	Installation	Output	Operating voltage	Output current	Switching frequency	Temperature range	Connection	Body length	Dimensions
IN4-PS8OP45-A2P	4mm	Unshielded	PNP, NO	10...30 VDC	<200mA	2KHZ	-25°C...70°C	2 m PVC cable	Standard 45mm	Figure 1
IN4-PS8CP45-A2P			PNP, NC							
IN4-PS8ON45-A2P			NPN, NO							
IN4-PS8CN45-A2P			NPN, NC							
IN4-PS8COP45-A2P			PNP, NO+NC							
IN4-PS8CON45-A2P			NPN, NO+NC							
IN4-PS8OP30-A2P	4mm	Unshielded	PNP, NO	10...30 VDC	<200mA	2KHZ	-25°C...70°C	2 m PVC cable	30mm	Figure 2
IN4-PS8CP30-A2P			PNP, NC							
IN4-PS8ON30-A2P			NPN, NO							
IN4-PS8CN30-A2P			NPN, NC							
IN4-PS8COP30-A2P			PNP, NO+NC							
IN4-PS8CON30-A2P			NPN, NO+NC							
IN4-PS8OP18-A2P	4mm	Unshielded	PNP, NO	10...30 VDC	<200mA	2KHZ	-25°C...70°C	2 m PVC cable	18mm	Figure 3
IN4-PS8CP18-A2P			PNP, NC							
IN4-PS8ON18-A2P			NPN, NO							
IN4-PS8CN18-A2P			NPN, NC							
IN4-PS8COP18-A2P			PNP, NO+NC							
IN4-PS8CON18-A2P			NPN, NO+NC							

Dimensions

Figure 1

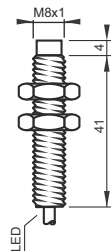


Figure 2

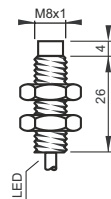
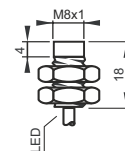


Figure 3



M8 cylindrical inductive sensors

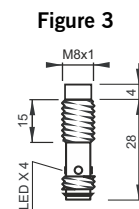
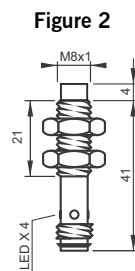
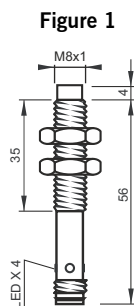
M8-4mm, Unshielded

- Housing: Stainless Steel
- Sensing Face: PBT
- Operating Voltage: 10...30 VDC
- Operating Temperature: -25...70 °C
- Protection Class: IP67
- Switching Indicator: built-in
- Connection: M8 connector



Order code	Working distance	Installation	Output	Operating voltage	Output current	Switching frequency	Temperature range	Connection	Body length	Dimensions
IN4-PS8OP60-A8	4mm	Unshielded	PNP, NO	10...30 VDC	<200mA	1KHZ	-25°C...70°C	M8 connector	Standard 60mm	Figure 1
IN4-PS8CP60-A8			PNP, NC							
IN4-PS8ON60-A8			NPN, NO							
IN4-PS8CN60-A8			NPN, NC							
IN4-PS8COP60-A8			PNP, NO+NC							
IN4-PS8CON60-A8			NPN, NO+NC							
IN4-PS8OP45-A8	4mm	Unshielded	PNP, NO	10...30 VDC	<200mA	1KHZ	-25°C...70°C	M8 connector	45mm	Figure 2
IN4-PS8CP45-A8			PNP, NC							
IN4-PS8ON45-A8			NPN, NO							
IN4-PS8CN45-A8			NPN, NC							
IN4-PS8COP45-A8			PNP, NO+NC							
IN4-PS8CON45-A8			NPN, NO+NC							
IN4-PS8OP32-A8	4mm	Unshielded	PNP, NO	10...30 VDC	<200mA	1KHZ	-25°C...70°C	M8 connector	32mm	Figure 3
IN4-PS8CP32-A8			PNP, NC							
IN4-PS8ON32-A8			NPN, NO							
IN4-PS8CN32-A8			NPN, NC							
IN4-PS8COP32-A8			PNP, NO+NC							
IN4-PS8CON32-A8			NPN, NO+NC							

Dimensions



M8 cylindrical inductive sensors

M8-3mm, Semi-shielded

- Housing: Stainless Steel
- Sensing Face: PBT
- Operating Voltage: 10...30 VDC
- Operating Temperature: -25...70 °C
- Protection Class: IP67
- Switching Indicator: built-in
- Connection: 2 m PVC cable



Order code	Working distance	Installation	Output	Operating voltage	Output current	Switching frequency	Temperature range	Connection	Body length	Dimensions
IS3-PS80P45-A2P	3mm	Semi-shielded	PNP, NO	10...30 VDC	<200mA	1KHZ	-25°C...70°C	2 m PVC cable	Standard 45mm	Figure 1
IS3-PS8CP45-A2P			PNP, NC							
IS3-PS80N45-A2P			NPN, NO							
IS3-PS8CN45-A2P			NPN, NC							
IS3-PS8COP45-A2P			PNP, NO+NC							
IS3-PS8CON45-A2P			NPN, NO+NC							
IS3-PS80P30-A2P	3mm	Semi-shielded	PNP, NO	10...30 VDC	<200mA	1KHZ	-25°C...70°C	2 m PVC cable	30mm	Figure 2
IS3-PS8CP30-A2P			PNP, NC							
IS3-PS80N30-A2P			NPN, NO							
IS3-PS8CN30-A2P			NPN, NC							
IS3-PS8COP30-A2P			PNP, NO+NC							
IS3-PS8CON30-A2P			NPN, NO+NC							
IS3-PS80P18-A2P	3mm	Semi-shielded	PNP, NO	10...30 VDC	<200mA	1KHZ	-25°C...70°C	2 m PVC cable	18mm	Figure 3
IS3-PS8CP18-A2P			PNP, NC							
IS3-PS80N18-A2P			NPN, NO							
IS3-PS8CN18-A2P			NPN, NC							
IS3-PS8COP18-A2P			PNP, NO+NC							
IS3-PS8CON18-A2P			NPN, NO+NC							

Dimensions

Figure 1

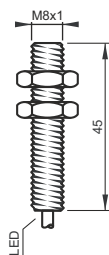


Figure 2

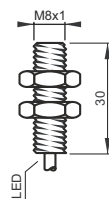
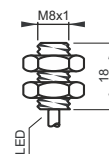


Figure 3



M8 cylindrical inductive sensors

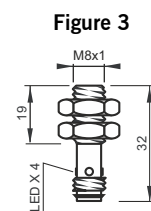
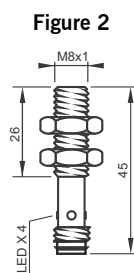
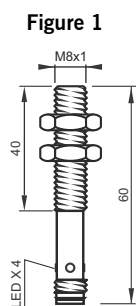
M8-3mm, Semi-shielded

- Housing: Stainless Steel
- Sensing Face: PBT
- Operating Voltage: 10...30 VDC
- Operating Temperature: -25...70 °C
- Protection Class: IP67
- Switching Indicator: built-in
- Connection: M8 connector



Order code	Working distance	Installation	Output	Operating voltage	Output current	Switching frequency	Temperature range	Connection	Body length	Dimensions
IS3-PS80P60-A8	3mm	Semi-shielded	PNP, NO	10...30 VDC	<200mA	1KHZ	-25°C...70°C	M8 connector	Standard 60mm	Figure 1
IS3-PS8CP60-A8			PNP, NC							
IS3-PS80N60-A8			NPN, NO							
IS3-PS8CN60-A8			NPN, NC							
IS3-PS8COP60-A8			PNP, NO+NC							
IS3-PS8CON60-A8			NPN, NO+NC							
IS3-PS80P45-A8	3mm	Semi-shielded	PNP, NO	10...30 VDC	<200mA	1KHZ	-25°C...70°C	M8 connector	45mm	Figure 2
IS3-PS8CP45-A8			PNP, NC							
IS3-PS80N45-A8			NPN, NO							
IS3-PS8CN45-A8			NPN, NC							
IS3-PS8COP45-A8			PNP, NO+NC							
IS3-PS8CON45-A8			NPN, NO+NC							
IS3-PS80P32-A8	3mm	Semi-shielded	PNP, NO	10...30 VDC	<200mA	1KHZ	-25°C...70°C	M8 connector	32mm	Figure 3
IS3-PS8CP32-A8			PNP, NC							
IS3-PS80N32-A8			NPN, NO							
IS3-PS8CN32-A8			NPN, NC							
IS3-PS8COP32-A8			PNP, NO+NC							
IS3-PS8CON32-A8			NPN, NO+NC							

Dimensions



M8 cylindrical inductive sensors

M8-6mm, Unshielded

- Housing: Stainless Steel
- Sensing Face: PBT
- Operating Voltage: 10...30 VDC
- Operating Temperature: -25...70 °C
- Protection Class: IP67
- Switching Indicator: built-in
- Connection: 2 m PVC cable



Order code	Working distance	Installation	Output	Operating voltage	Output current	Switching frequency	Temperature range	Connection	Body length	Dimensions
IN6-PS8OP45-A2P	6mm	Unshielded	PNP, NO	10...30 VDC	<200mA	500HZ	-25°C...70°C	2 m PVC cable	Standard 45mm	Figure 1
IN6-PS8CP45-A2P			PNP, NC							
IN6-PS8ON45-A2P			NPN, NO							
IN6-PS8CN45-A2P			NPN, NC							
IN6-PS8COP45-A2P			PNP, NO+NC							
IN6-PS8CON45-A2P			NPN, NO+NC							
IN6-PS8OP30-A2P	6mm	Unshielded	PNP, NO	10...30 VDC	<200mA	500HZ	-25°C...70°C	2 m PVC cable	30mm	Figure 2
IN6-PS8CP30-A2P			PNP, NC							
IN6-PS8ON30-A2P			NPN, NO							
IN6-PS8CN30-A2P			NPN, NC							
IN6-PS8COP30-A2P			PNP, NO+NC							
IN6-PS8CON30-A2P			NPN, NO+NC							
IN6-PS8OP18-A2P	6mm	Unshielded	PNP, NO	10...30 VDC	<200mA	500HZ	-25°C...70°C	2 m PVC cable	18mm	Figure 3
IN6-PS8CP18-A2P			PNP, NC							
IN6-PS8ON18-A2P			NPN, NO							
IN6-PS8CN18-A2P			NPN, NC							
IN6-PS8COP18-A2P			PNP, NO+NC							
IN6-PS8CON18-A2P			NPN, NO+NC							

Dimensions

Figure 1

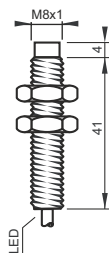


Figure 2

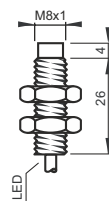
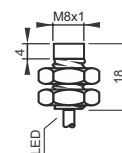


Figure 3



M8 cylindrical inductive sensors

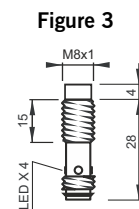
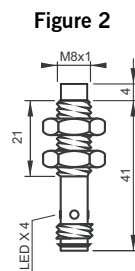
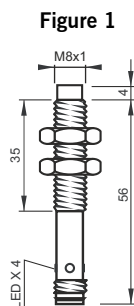
M8-6mm, Unshielded

- Housing: Stainless Steel
- Sensing Face: PBT
- Operating Voltage: 10...30 VDC
- Operating Temperature: -25...70 °C
- Protection Class: IP67
- Switching Indicator: built-in
- Connection: M8 connector



Order code	Working distance	Installation	Output	Operating voltage	Output current	Switching frequency	Temperature range	Connection	Body length	Dimensions
IN6-PS8OP60-A8	6mm	Unshielded	PNP, NO	10...30 VDC	<200mA	500HZ	-25°C...70°C	M8 connector	Standard 60mm	Figure 1
IN6-PS8CP60-A8			PNP, NC							
IN6-PS8ON60-A8			NPN, NO							
IN6-PS8CN60-A8			NPN, NC							
IN6-PS8COP60-A8			PNP, NO+NC							
IN6-PS8CON60-A8			NPN, NO+NC							
IN6-PS8OP45-A8	6mm	Unshielded	PNP, NO	10...30 VDC	<200mA	500HZ	-25°C...70°C	M8 connector	45mm	Figure 2
IN6-PS8CP45-A8			PNP, NC							
IN6-PS8ON45-A8			NPN, NO							
IN6-PS8CN45-A8			NPN, NC							
IN6-PS8COP45-A8			PNP, NO+NC							
IN6-PS8CON45-A8			NPN, NO+NC							
IN6-PS8OP32-A8	6mm	Unshielded	PNP, NO	10...30 VDC	<200mA	500HZ	-25°C...70°C	M8 connector	32mm	Figure 3
IN6-PS8CP32-A8			PNP, NC							
IN6-PS8ON32-A8			NPN, NO							
IN6-PS8CN32-A8			NPN, NC							
IN6-PS8COP32-A8			PNP, NO+NC							
IN6-PS8CON32-A8			NPN, NO+NC							

Dimensions



M8 cylindrical inductive sensors

M8-4mm, Semi-shielded

- Housing: Brass
- Sensing Face: PBT
- Operating Voltage: 10...30 VDC
- Operating Temperature: -25...70 °C
- Protection Class: IP67
- Switching Indicator: built-in
- Connection: 2 m PVC cable



Order code	Working distance	Installation	Output	Operating voltage	Output current	Switching frequency	Temperature range	Connection	Body length	Dimensions
IS4-PS80P45-A2P	4mm	Semi-shielded	PNP, NO	10...30 VDC	<200mA	500HZ	-25°C...70°C	2 m PVC cable	Standard 45mm	Figure 1
IS4-PS8CP45-A2P			PNP, NC							
IS4-PS80N45-A2P			NPN, NO							
IS4-PS8CN45-A2P			NPN, NC							
IS4-PS8COP45-A2P			PNP, NO+NC							
IS4-PS8CON45-A2P			NPN, NO+NC							
IS4-PS80P30-A2P	4mm	Semi-shielded	PNP, NO	10...30 VDC	<200mA	500HZ	-25°C...70°C	2 m PVC cable	30mm	Figure 2
IS4-PS8CP30-A2P			PNP, NC							
IS4-PS80N30-A2P			NPN, NO							
IS4-PS8CN30-A2P			NPN, NC							
IS4-PS8COP30-A2P			PNP, NO+NC							
IS4-PS8CON30-A2P			NPN, NO+NC							
IS4-PS80P18-A2P	4mm	Semi-shielded	PNP, NO	10...30 VDC	<200mA	500HZ	-25°C...70°C	2 m PVC cable	18mm	Figure 3
IS4-PS8CP18-A2P			PNP, NC							
IS4-PS80N18-A2P			NPN, NO							
IS4-PS8CN18-A2P			NPN, NC							
IS4-PS8COP18-A2P			PNP, NO+NC							
IS4-PS8CON18-A2P			NPN, NO+NC							

Dimensions

Figure 1

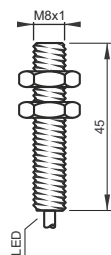


Figure 2

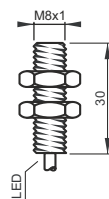
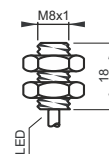


Figure 3



M8 cylindrical inductive sensors

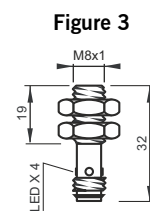
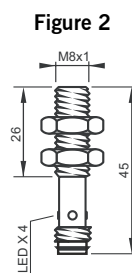
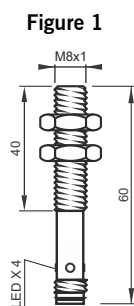
M8-4mm, Semi-shielded

- Housing: Brass
- Sensing Face: PBT
- Operating Voltage: 10...30 VDC
- Operating Temperature: -25...70 °C
- Protection Class: IP67
- Switching Indicator: built-in
- Connection: M8 connector



Order code	Working distance	Installation	Output	Operating voltage	Output current	Switching frequency	Temperature range	Connection	Body length	Dimensions
IS4-PS80P60-A8	4mm	Semi-shielded	PNP, NO	10...30 VDC	<200mA	500HZ	-25°C...70°C	M8 connector	Standard 60mm	Figure 1
IS4-PS8CP60-A8			PNP, NC							
IS4-PS80N60-A8			NPN, NO							
IS4-PS8CN60-A8			NPN, NC							
IS4-PS8COP60-A8			PNP, NO+NC							
IS4-PS8CON60-A8			NPN, NO+NC							
IS4-PS80P45-A8	4mm	Semi-shielded	PNP, NO	10...30 VDC	<200mA	500HZ	-25°C...70°C	M8 connector	45mm	Figure 2
IS4-PS8CP45-A8			PNP, NC							
IS4-PS80N45-A8			NPN, NO							
IS4-PS8CN45-A8			NPN, NC							
IS4-PS8COP45-A8			PNP, NO+NC							
IS4-PS8CON45-A8			NPN, NO+NC							
IS4-PS80P32-A8	4mm	Semi-shielded	PNP, NO	10...30 VDC	<200mA	500HZ	-25°C...70°C	M8 connector	32mm	Figure 3
IS4-PS8CP32-A8			PNP, NC							
IS4-PS80N32-A8			NPN, NO							
IS4-PS8CN32-A8			NPN, NC							
IS4-PS8COP32-A8			PNP, NO+NC							
IS4-PS8CON32-A8			NPN, NO+NC							

Dimensions



M8 cylindrical inductive sensors

M8-8mm, Unshielded

- Housing Brass
- Sensing Face PBT
- Operating Voltage 10...30 VDC
- Operating Temperature -25...70 °C
- Protection Class IP67
- Switching Indicator built-in
- Connection 2 m PVC cable



Order code	Working distance	Installation	Output	Operating voltage	Output current	Switching frequency	Temperature range	Connection	Body length	Dimensions
IN8-PS8OP45-A2P	8mm	Unshielded	PNP, NO	10...30 VDC	<200mA	300HZ	-25°C...70°C	2 m PVC cable	Standard 45mm	Figure 1
IN8-PS8CP45-A2P			PNP, NC							
IN8-PS8ON45-A2P			NPN, NO							
IN8-PS8CN45-A2P			NPN, NC							
IN8-PS8COP45-A2P			PNP, NO+NC							
IN8-PS8CON45-A2P			NPN, NO+NC							
IN8-PS8OP30-A2P	8mm	Unshielded	PNP, NO	10...30 VDC	<200mA	300HZ	-25°C...70°C	2 m PVC cable	30mm	Figure 2
IN8-PS8CP30-A2P			PNP, NC							
IN8-PS8ON30-A2P			NPN, NO							
IN8-PS8CN30-A2P			NPN, NC							
IN8-PS8COP30-A2P			PNP, NO+NC							
IN8-PS8CON30-A2P			NPN, NO+NC							
IN8-PS8OP18-A2P	8mm	Unshielded	PNP, NO	10...30 VDC	<200mA	300HZ	-25°C...70°C	2 m PVC cable	18mm	Figure 3
IN8-PS8CP18-A2P			PNP, NC							
IN8-PS8ON18-A2P			NPN, NO							
IN8-PS8CN18-A2P			NPN, NC							
IN8-PS8COP18-A2P			PNP, NO+NC							
IN8-PS8CON18-A2P			NPN, NO+NC							

Dimensions

Figure 1

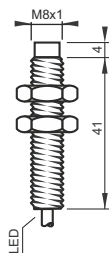


Figure 2

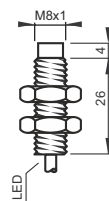
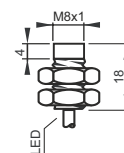


Figure 3



M8 cylindrical inductive sensors

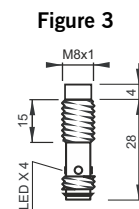
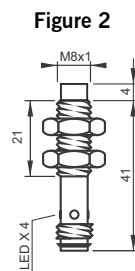
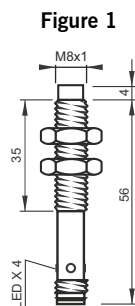
M8-8mm, Unshielded

- Housing: Brass
- Sensing Face: PBT
- Operating Voltage: 10...30 VDC
- Operating Temperature: -25...70 °C
- Protection Class: IP67
- Switching Indicator: built-in
- Connection: M8 connector



Order code	Working distance	Installation	Output	Operating voltage	Output current	Switching frequency	Temperature range	Connection	Body length	Dimensions
IN8-PS80P60-A8	8mm	Unshielded	PNP, NO	10...30 VDC	<200mA	300HZ	-25°C...70°C	M8 connector	Standard 60mm	Figure 1
IN8-PS8CP60-A8			PNP, NC							
IN8-PS8ON60-A8			NPN, NO							
IN8-PS8CN60-A8			NPN, NC							
IN8-PS8COP60-A8			PNP, NO+NC							
IN8-PS8CON60-A8			NPN, NO+NC							
IN8-PS80P45-A8	8mm	Unshielded	PNP, NO	10...30 VDC	<200mA	300HZ	-25°C...70°C	M8 connector	45mm	Figure 2
IN8-PS8CP45-A8			PNP, NC							
IN8-PS8ON45-A8			NPN, NO							
IN8-PS8CN45-A8			NPN, NC							
IN8-PS8COP45-A8			PNP, NO+NC							
IN8-PS8CON45-A8			NPN, NO+NC							
IN8-PS80P32-A8	8mm	Unshielded	PNP, NO	10...30 VDC	<200mA	300HZ	-25°C...70°C	M8 connector	32mm	Figure 3
IN8-PS8CP32-A8			PNP, NC							
IN8-PS8ON32-A8			NPN, NO							
IN8-PS8CN32-A8			NPN, NC							
IN8-PS8COP32-A8			PNP, NO+NC							
IN8-PS8CON32-A8			NPN, NO+NC							

Dimensions



M8 cylindrical inductive sensors

M8-1、2、3、4mm,Shielded

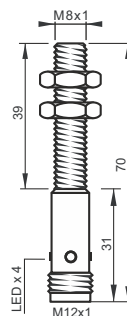
- Housing Stainless Steel/Brass(4mm)
- Sensing Face PBT
- Operating Voltage 10...30 VDC
- Operating Temperature -25...70 °C
- Protection Class IP67
- Switching Indicator built-in
- Connection M12 connector



Order code	Working distance	Installation	Output	Operating voltage	Output current	Switching frequency	Temperature range	Connection	Body length	Dimensions
IS1-PS80P70-A12	1mm	Shielded	PNP, NO	10...30 VDC	<200mA	2KHZ	-25°C...70°C	M12 connector	Standard 70mm	Figure 1
IS1-PS8CP70-A12			PNP, NC							
IS1-PS8ON70-A12			NPN, NO							
IS1-PS8CN70-A12			NPN, NC							
IS1-PS8COP70-A12			PNP, NO+NC							
IS1-PS8CON70-A12			NPN, NO+NC							
IS2-PS80P70-A12	2mm	Shielded	PNP, NO	10...30 VDC	<200mA	2KHZ	-25°C...70°C	M12 connector	Standard 70mm	Figure 1
IS2-PS8CP70-A12			PNP, NC							
IS2-PS8ON70-A12			NPN, NO							
IS2-PS8CN70-A12			NPN, NC							
IS2-PS8COP70-A12			PNP, NO+NC							
IS2-PS8CON70-A12			NPN, NO+NC							
IS3-PS80P70-A12	3mm	Semi-shielded	PNP, NO	10...30 VDC	<200mA	1KHZ	-25°C...70°C	M12 connector	Standard 70mm	Figure 1
IS3-PS8CP70-A12			PNP, NC							
IS3-PS8ON70-A12			NPN, NO							
IS3-PS8CN70-A12			NPN, NC							
IS3-PS8COP70-A12			PNP, NO+NC							
IS3-PS8CON70-A12			NPN, NO+NC							
IS4-PS80P70-A12	4mm	Semi-shielded	PNP, NO	10...30 VDC	<200mA	500HZ	-25°C...70°C	M12 connector	Standard 70mm	Figure 1
IS4-PS8CP70-A12			PNP, NC							
IS4-PS8ON70-A12			NPN, NO							
IS4-PS8CN70-A12			NPN, NC							
IS4-PS8COP70-A12			PNP, NO+NC							
IS4-PS8CON70-A12			NPN, NO+NC							

Dimensions

Figure 1



M8 cylindrical inductive sensors

M8-2、4、6、8mm,Unshielded

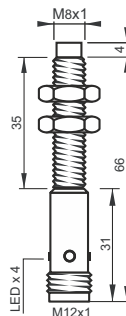
- Housing Stainless Steel/Brass(4mm)
- Sensing Face PBT
- Operating Voltage 10...30 VDC
- Operating Temperature -25...70 °C
- Protection Class IP67
- Switching Indicator built-in
- Connection M12 connector

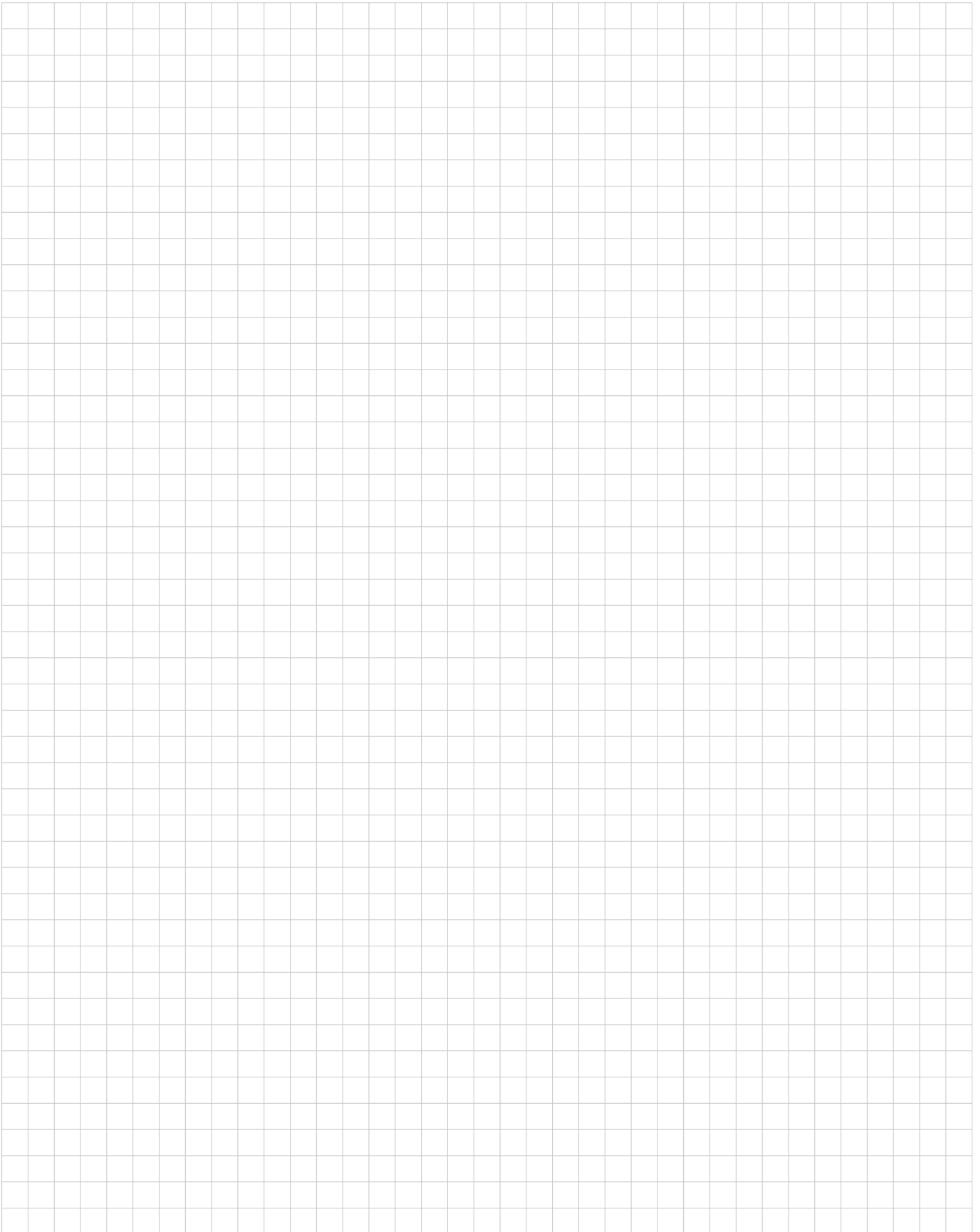


Order code	Working distance	Installation	Output	Operating voltage	Output current	Switching frequency	Temperature range	Connection	Body length	Dimensions
IN2-PS8OP70-A12	2mm	Unshielded	PNP, NO	10...30 VDC	<200mA	2KHZ	-25°C...70°C	M12 connector	Standard 70mm	Figure 1
IN2-PS8CP70-A12			PNP, NC							
IN2-PS8ON70-A12			NPN, NO							
IN2-PS8CN70-A12			NPN, NC							
IN2-PS8COP70-A12			PNP, NO+NC							
IN2-PS8CON70-A12			NPN, NO+NC							
IN4-PS8OP70-A12	4mm	Unshielded	PNP, NO	10...30 VDC	<200mA	1KHZ	-25°C...70°C	M12 connector	Standard 70mm	Figure 1
IN4-PS8CP70-A12			PNP, NC							
IN4-PS8ON70-A12			NPN, NO							
IN4-PS8CN70-A12			NPN, NC							
IN4-PS8COP70-A12			PNP, NO+NC							
IN4-PS8CON70-A12			NPN, NO+NC							
IN6-PS8OP70-A12	6mm	Unshielded	PNP, NO	10...30 VDC	<200mA	500HZ	-25°C...70°C	M12 connector	Standard 70mm	Figure 1
IN6-PS8CP70-A12			PNP, NC							
IN6-PS8ON70-A12			NPN, NO							
IN6-PS8CN70-A12			NPN, NC							
IN6-PS8COP70-A12			PNP, NO+NC							
IN6-PS8CON70-A12			NPN, NO+NC							
IN8-PS8OP70-A12	8mm	Unshielded	PNP, NO	10...30 VDC	<200mA	300HZ	-25°C...70°C	M12 connector	Standard 70mm	Figure 1
IN8-PS8CP70-A12			PNP, NC							
IN8-PS8ON70-A12			NPN, NO							
IN8-PS8CN70-A12			NPN, NC							
IN8-PS8COP70-A12			PNP, NO+NC							
IN8-PS8CON70-A12			NPN, NO+NC							

Dimensions

Figure 1





M12 cylindrical inductive sensors

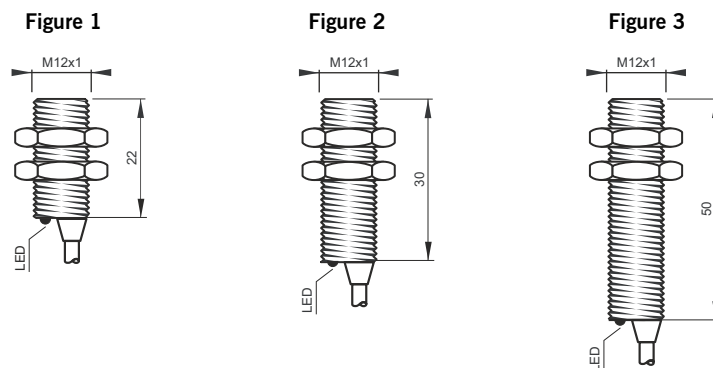
M12-2mm, Shielded

- Housing: Brass
- Sensing Face: PBT
- Operating Voltage: 10...30 VDC
- Operating Temperature: -25...70 °C
- Protection Class: IP67
- Switching Indicator: built-in
- Connection: 2 m PVC cable



Order code	Working distance	Installation	Output	Operating voltage	Output current	Switching frequency	Temperature range	Connection	Body length	Dimensions
IS2-PS120P50-A2P	2mm	Shielded	PNP, NO	10...30 VDC	<200mA	2KHZ	-25°C...70°C	2 m PVC cable	Standard 50mm	Figure 3
IS2-PS12CP50-A2P			PNP, NC							
IS2-PS12ON50-A2P			NPN, NO							
IS2-PS12CN50-A2P			NPN, NC							
IS2-PS12COP50-A2P			PNP, NO+NC							
IS2-PS12CON50-A2P			NPN, NO+NC							
IS2-PS120P30-A2P	2mm	Shielded	PNP, NO	10...30 VDC	<200mA	2KHZ	-25°C...70°C	2 m PVC cable	30mm	Figure 2
IS2-PS12CP30-A2P			PNP, NC							
IS2-PS12ON30-A2P			NPN, NO							
IS2-PS12CN30-A2P			NPN, NC							
IS2-PS12COP30-A2P			PNP, NO+NC							
IS2-PS12CON30-A2P			NPN, NO+NC							
IS2-PS120P22-A2P	2mm	Shielded	PNP, NO	10...30 VDC	<200mA	2KHZ	-25°C...70°C	2 m PVC cable	22mm	Figure 1
IS2-PS12CP22-A2P			PNP, NC							
IS2-PS12ON22-A2P			NPN, NO							
IS2-PS12CN22-A2P			NPN, NC							
IS2-PS12COP22-A2P			PNP, NO+NC							
IS2-PS12CON22-A2P			NPN, NO+NC							

Dimensions



M12 cylindrical inductive sensors

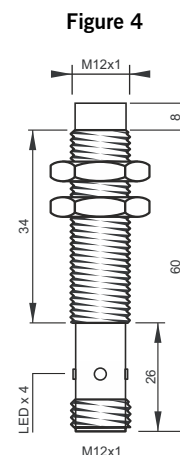
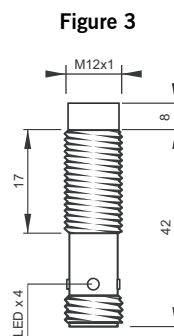
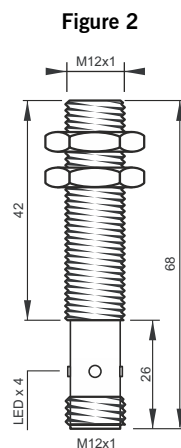
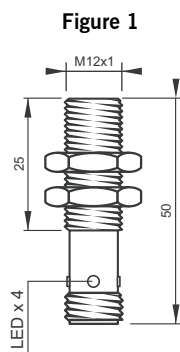
M12-2mm,Shielded;4mm,Unshielded

- Housing Brass
- Sensing Face PBT
- Operating Voltage 10...30 VDC
- Operating Temperature -25...70 °C
- Protection Class IP67
- Switching Indicator built-in
- Connection M12 connector



Order code	Working distance	Installation	Output	Operating voltage	Output current	Switching frequency	Temperature range	Connection	Body length	Dimensions
IS2-PS120P68-A12	2mm	Shielded	PNP, NO	10...30 VDC	<200mA	2KHZ	-25°C...70°C	M12 connector	Standard 68mm	Figure 2
IS2-PS12CP68-A12			PNP, NC							
IS2-PS120N68-A12			NPN, NO							
IS2-PS12CN68-A12			NPN, NC							
IS2-PS12COP68-A12			PNP, NO+NC							
IS2-PS12CON68-A12			NPN, NO+NC							
IN4-PS120P68-A12	4mm	Unshielded	PNP, NO	10...30 VDC	<200mA	1KHZ	-25°C...70°C	M12 connector	Standard 68mm	Figure 4
IN4-PS12CP68-A12			PNP, NC							
IN4-PS120N68-A12			NPN, NO							
IN4-PS12CN68-A12			NPN, NC							
IN4-PS12COP68-A12			PNP, NO+NC							
IN4-PS12CON68-A12			NPN, NO+NC							
IS2-PS120P50-A12	2mm	Shielded	PNP, NO	10...30 VDC	<200mA	2KHZ	-25°C...70°C	M12 connector	50mm	Figure 1
IS2-PS12CP50-A12			PNP, NC							
IS2-PS120N50-A12			NPN, NO							
IS2-PS12CN50-A12			NPN, NC							
IS2-PS12COP50-A12			PNP, NO+NC							
IS2-PS12CON50-A12			NPN, NO+NC							
IN4-PS120P30-A12	4mm	Unshielded	PNP, NO	10...30 VDC	<200mA	1KHZ	-25°C...70°C	M12 connector	50mm	Figure 3
IN4-PS12CP30-A12			PNP, NC							
IN4-PS120N30-A12			NPN, NO							
IN4-PS12CN30-A12			NPN, NC							
IN4-PS12COP30-A12			PNP, NO+NC							
IN4-PS12CON30-A12			NPN, NO+NC							

Dimensions



M12 cylindrical inductive sensors

M12-4mm, Unshielded

- Housing: Brass
- Sensing Face: PBT
- Operating Voltage: 10...30 VDC
- Operating Temperature: -25...70 °C
- Protection Class: IP67
- Switching Indicator: built-in
- Connection: 2 m PVC cable



Order code	Working distance	Installation	Output	Operating voltage	Output current	Switching frequency	Temperature range	Connection	Body length	Dimensions
IN4-PS120P50-A2P	4mm	Unshielded	PNP, NO	10...30 VDC	<200mA	1KHZ	-25°C...70°C	2 m PVC cable	Standard 50mm	Figure 2
IN4-PS12CP50-A2P			PNP, NC							
IN4-PS12ON50-A2P			NPN, NO							
IN4-PS12CN50-A2P			NPN, NC							
IN4-PS12COP50-A2P			PNP, NO+NC							
IN4-PS12CON50-A2P			NPN, NO+NC							
IN4-PS120P30-A2P	4mm	Unshielded	PNP, NO	10...30 VDC	<200mA	1KHZ	-25°C...70°C	2 m PVC cable	30mm	Figure 1
IN4-PS12CP30-A2P			PNP, NC							
IN4-PS12ON30-A2P			NPN, NO							
IN4-PS12CN30-A2P			NPN, NC							
IN4-PS12COP30-A2P			PNP, NO+NC							
IN4-PS12CON30-A2P			NPN, NO+NC							

Dimensions

Figure 1

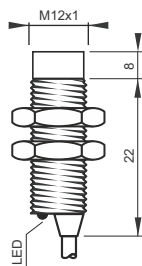
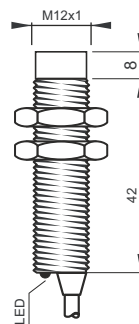


Figure 2



M12 cylindrical inductive sensors

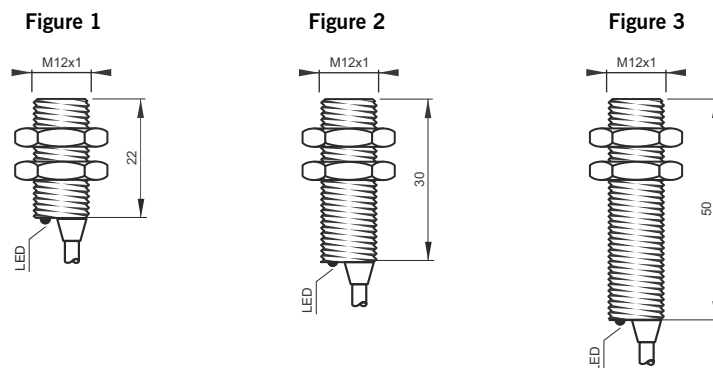
M12-4mm, Shielded

- Housing: Brass
- Sensing Face: PBT
- Operating Voltage: 10...30 VDC
- Operating Temperature: -25...70 °C
- Protection Class: IP67
- Switching Indicator: built-in
- Connection: 2 m PVC cable



Order code	Working distance	Installation	Output	Operating voltage	Output current	Switching frequency	Temperature range	Connection	Body length	Dimensions
IS4-PS120P50-A2P	4mm	Shielded	PNP, NO	10...30 VDC	<200mA	1KHZ	-25°C...70°C	2 m PVC cable	Standard 50mm	Figure 3
IS4-PS12CP50-A2P			PNP, NC							
IS4-PS12ON50-A2P			NPN, NO							
IS4-PS12CN50-A2P			NPN, NC							
IS4-PS12COP50-A2P			PNP, NO+NC							
IS4-PS12CON50-A2P			NPN, NO+NC							
IS4-PS120P30-A2P	4mm	Shielded	PNP, NO	10...30 VDC	<200mA	1KHZ	-25°C...70°C	2 m PVC cable	30mm	Figure 2
IS4-PS12CP30-A2P			PNP, NC							
IS4-PS12ON30-A2P			NPN, NO							
IS4-PS12CN30-A2P			NPN, NC							
IS4-PS12COP30-A2P			PNP, NO+NC							
IS4-PS12CON30-A2P			NPN, NO+NC							
IS4-PS120P22-A2P	4mm	Shielded	PNP, NO	10...30 VDC	<200mA	1KHZ	-25°C...70°C	2 m PVC cable	22mm	Figure 1
IS4-PS12CP22-A2P			PNP, NC							
IS4-PS12ON22-A2P			NPN, NO							
IS4-PS12CN22-A2P			NPN, NC							
IS4-PS12COP22-A2P			PNP, NO+NC							
IS4-PS12CON22-A2P			NPN, NO+NC							

Dimensions



M12 cylindrical inductive sensors

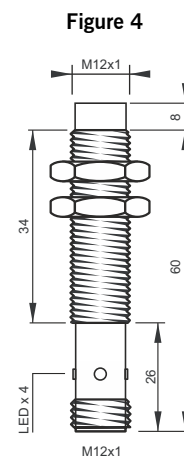
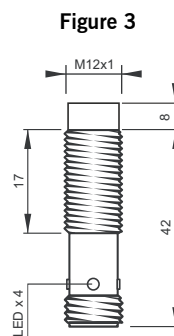
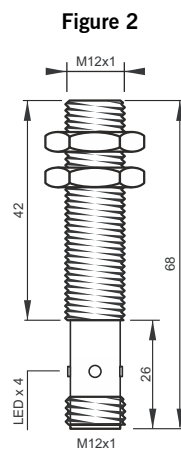
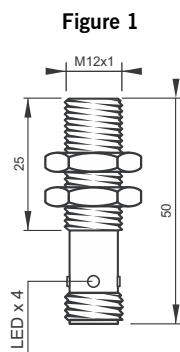
M12-4mm,Shielded;8mm,Unshielded

- Housing Brass
- Sensing Face PBT
- Operating Voltage 10...30 VDC
- Operating Temperature -25...70 °C
- Protection Class IP67
- Switching Indicator built-in
- Connection M12 connector



Order code	Working distance	Installation	Output	Operating voltage	Output current	Switching frequency	Temperature range	Connection	Body length	Dimensions
IS4-PS120P68-A12	4mm	Shielded	PNP, NO	10...30 VDC	<200mA	1KHZ	-25°C...70°C	M12 connector	Standard 68mm	Figure 2
IS4-PS12CP68-A12			PNP, NC							
IS4-PS120N68-A12			NPN, NO							
IS4-PS12CN68-A12			NPN, NC							
IS4-PS12COP68-A12			PNP, NO+NC							
IS4-PS12CON68-A12			NPN, NO+NC							
IN8-PS120P68-A12	8mm	Unshielded	PNP, NO	10...30 VDC	<200mA	500HZ	-25°C...70°C	M12 connector	Standard 68mm	Figure 4
IN8-PS12CP68-A12			PNP, NC							
IN8-PS120N68-A12			NPN, NO							
IN8-PS12CN68-A12			NPN, NC							
IN8-PS12COP68-A12			PNP, NO+NC							
IN8-PS12CON68-A12			NPN, NO+NC							
IS4-PS120P50-A12	4mm	Shielded	PNP, NO	10...30 VDC	<200mA	1KHZ	-25°C...70°C	M12 connector	50mm	Figure 1
IS4-PS12CP50-A12			PNP, NC							
IS4-PS120N50-A12			NPN, NO							
IS4-PS12CN50-A12			NPN, NC							
IS4-PS12COP50-A12			PNP, NO+NC							
IS4-PS12CON50-A12			NPN, NO+NC							
IN8-PS120P30-A12	8mm	Unshielded	PNP, NO	10...30 VDC	<200mA	500HZ	-25°C...70°C	M12 connector	50mm	Figure 3
IN8-PS12CP30-A12			PNP, NC							
IN8-PS120N30-A12			NPN, NO							
IN8-PS12CN30-A12			NPN, NC							
IN8-PS12COP30-A12			PNP, NO+NC							
IN8-PS12CON30-A12			NPN, NO+NC							

Dimensions



M12 cylindrical inductive sensors

M12-8mm, Unshielded

- Housing: Brass
- Sensing Face: PBT
- Operating Voltage: 10...30 VDC
- Operating Temperature: -25...70 °C
- Protection Class: IP67
- Switching Indicator: built-in
- Connection: 2 m PVC cable



Order code	Working distance	Installation	Output	Operating voltage	Output current	Switching frequency	Temperature range	Connection	Body length	Dimensions
IN8-PS120P50-A2P	8mm	Unshielded	PNP, NO	10...30 VDC	<200mA	500HZ	-25°C...70°C	2 m PVC cable	Standard 50mm	Figure 2
IN8-PS12CP50-A2P			PNP, NC							
IN8-PS12ON50-A2P			NPN, NO							
IN8-PS12CN50-A2P			NPN, NC							
IN8-PS12COP50-A2P			PNP, NO+NC							
IN8-PS12CON50-A2P			NPN, NO+NC							
IN8-PS120P30-A2P	8mm	Unshielded	PNP, NO	10...30 VDC	<200mA	500HZ	-25°C...70°C	2 m PVC cable	30mm	Figure 1
IN8-PS12CP30-A2P			PNP, NC							
IN8-PS12ON30-A2P			NPN, NO							
IN8-PS12CN30-A2P			NPN, NC							
IN8-PS12COP30-A2P			PNP, NO+NC							
IN8-PS12CON30-A2P			NPN, NO+NC							

Dimensions

Figure 1

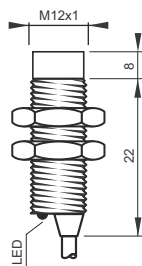
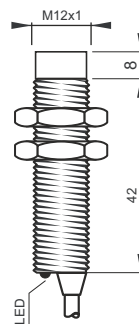


Figure 2



M12 cylindrical inductive sensors

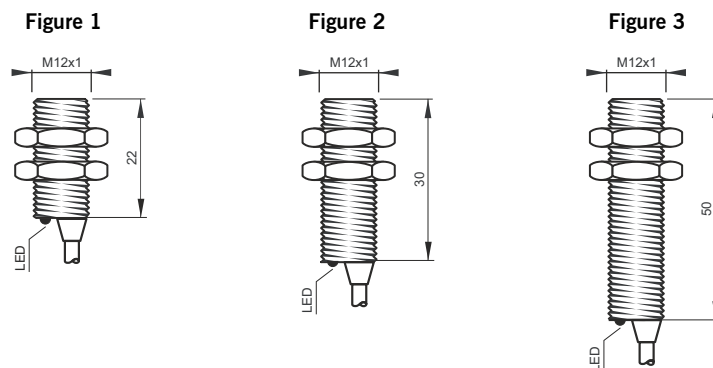
M12-6mm, Semi-shielded

- Housing: Brass
- Sensing Face: PBT
- Operating Voltage: 10...30 VDC
- Operating Temperature: -25...70 °C
- Protection Class: IP67
- Switching Indicator: built-in
- Connection: 2 m PVC cable



Order code	Working distance	Installation	Output	Operating voltage	Output current	Switching frequency	Temperature range	Connection	Body length	Dimensions
IS6-PS120P50-A2P	6mm	Semi-shielded	PNP, NO	10...30 VDC	<200mA	800HZ	-25°C...70°C	2 m PVC cable	Standard 50mm	Figure 3
IS6-PS12CP50-A2P			PNP, NC							
IS6-PS12ON50-A2P			NPN, NO							
IS6-PS12CN50-A2P			NPN, NC							
IS6-PS12COP50-A2P			PNP, NO+NC							
IS6-PS12CON50-A2P			NPN, NO+NC							
IS6-PS120P30-A2P	6mm	Semi-shielded	PNP, NO	10...30 VDC	<200mA	800HZ	-25°C...70°C	2 m PVC cable	30mm	Figure 2
IS6-PS12CP30-A2P			PNP, NC							
IS6-PS12ON30-A2P			NPN, NO							
IS6-PS12CN30-A2P			NPN, NC							
IS6-PS12COP30-A2P			PNP, NO+NC							
IS6-PS12CON30-A2P			NPN, NO+NC							
IS6-PS120P22-A2P	6mm	Semi-shielded	PNP, NO	10...30 VDC	<200mA	800HZ	-25°C...70°C	2 m PVC cable	22mm	Figure 1
IS6-PS12CP22-A2P			PNP, NC							
IS6-PS12ON22-A2P			NPN, NO							
IS6-PS12CN22-A2P			NPN, NC							
IS6-PS12COP22-A2P			PNP, NO+NC							
IS6-PS12CON22-A2P			NPN, NO+NC							

Dimensions



M12 cylindrical inductive sensors

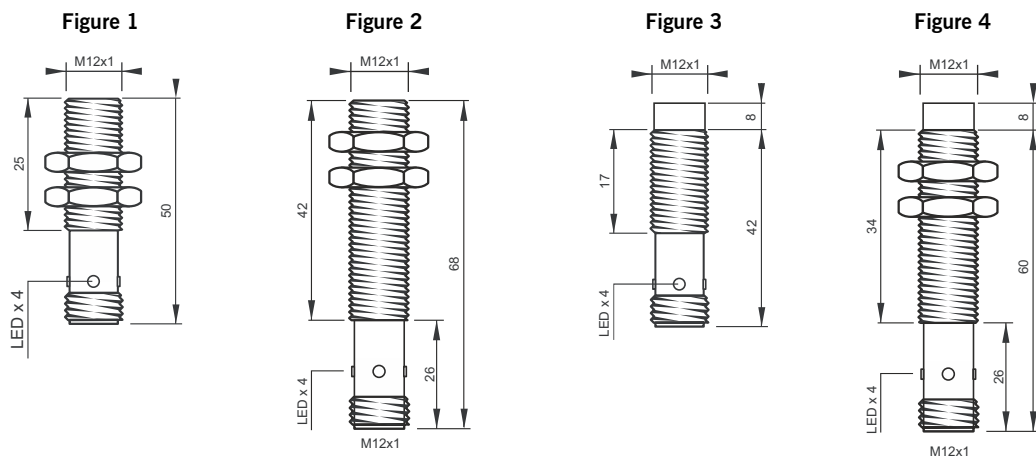
M12-6mm, Semi-shielded; 10mm, Unshielded

- Housing: Brass
- Sensing Face: PBT
- Operating Voltage: 10...30 VDC
- Operating Temperature: -25...70 °C
- Protection Class: IP67
- Switching Indicator: built-in
- Connection: M12 connector



Order code	Working distance	Installation	Output	Operating voltage	Output current	Switching frequency	Temperature range	Connection	Body length	Dimensions
IS6-PS120P68-A12	6mm	Semi-shielded	PNP, NO	10...30 VDC	<200mA	800HZ	-25°C...70°C	M12 connector	Standard 68mm	Figure 2
IS6-PS12CP68-A12			PNP, NC							
IS6-PS120N68-A12			NPN, NO							
IS6-PS12CN68-A12			NPN, NC							
IS6-PS12COP68-A12			PNP, NO+NC							
IS6-PS12CON68-A12			NPN, NO+NC							
IN10-PS120P68-A12	10mm	Unshielded	PNP, NO	10...30 VDC	<200mA	400HZ	-25°C...70°C	M12 connector	Standard 68mm	Figure 4
IN10-PS12CP68-A12			PNP, NC							
IN10-PS120N68-A12			NPN, NO							
IN10-PS12CN68-A12			NPN, NC							
IN10-PS12COP68-A12			PNP, NO+NC							
IN10-PS12CON68-A12			NPN, NO+NC							
IS6-PS120P50-A12	6mm	Semi-shielded	PNP, NO	10...30 VDC	<200mA	800HZ	-25°C...70°C	M12 connector	50mm	Figure 1
IS6-PS12CP50-A12			PNP, NC							
IS6-PS120N50-A12			NPN, NO							
IS6-PS12CN50-A12			NPN, NC							
IS6-PS12COP50-A12			PNP, NO+NC							
IS6-PS12CON50-A12			NPN, NO+NC							
IN10-PS120P30-A12	10mm	Unshielded	PNP, NO	10...30 VDC	<200mA	400HZ	-25°C...70°C	M12 connector	50mm	Figure 3
IN10-PS12CP30-A12			PNP, NC							
IN10-PS120N30-A12			NPN, NO							
IN10-PS12CN30-A12			NPN, NC							
IN10-PS12COP30-A12			PNP, NO+NC							
IN10-PS12CON30-A12			NPN, NO+NC							

Dimensions



M12 cylindrical inductive sensors

M12-10mm, Unshielded

- Housing: Brass
- Sensing Face: PBT
- Operating Voltage: 10...30 VDC
- Operating Temperature: -25...70 °C
- Protection Class: IP67
- Switching Indicator: built-in
- Connection: 2 m PVC cable



Order code	Working distance	Installation	Output	Operating voltage	Output current	Switching frequency	Temperature range	Connection	Body length	Dimensions
IN10-PS120P50-A2P	10mm	Unshielded	PNP, NO	10...30 VDC	<200mA	400HZ	-25°C...70°C	2 m PVC cable	Standard 50mm	Figure 2
IN10-PS12CP50-A2P			PNP, NC							
IN10-PS12ON50-A2P			NPN, NO							
IN10-PS12CN50-A2P			NPN, NC							
IN10-PS12COP50-A2P			PNP, NO+NC							
IN10-PS12CON50-A2P			NPN, NO+NC							
IN10-PS120P30-A2P	10mm	Unshielded	PNP, NO	10...30 VDC	<200mA	400HZ	-25°C...70°C	2 m PVC cable	30mm	Figure 1
IN10-PS12CP30-A2P			PNP, NC							
IN10-PS12ON30-A2P			NPN, NO							
IN10-PS12CN30-A2P			NPN, NC							
IN10-PS12COP30-A2P			PNP, NO+NC							
IN10-PS12CON30-A2P			NPN, NO+NC							

Dimensions

Figure 1

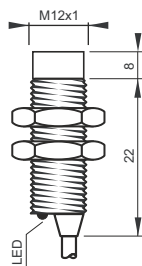
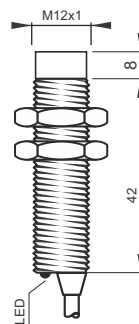


Figure 2



M12 cylindrical inductive sensors

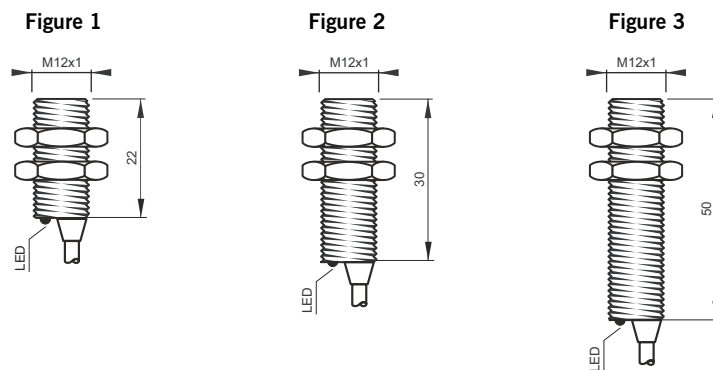
M12-8mm, Semi-shielded

- Housing: Brass
- Sensing Face: PBT
- Operating Voltage: 10...30 VDC
- Operating Temperature: -25...70 °C
- Protection Class: IP67
- Switching Indicator: built-in
- Connection: 2 m PVC cable



Order code	Working distance	Installation	Output	Operating voltage	Output current	Switching frequency	Temperature range	Connection	Body length	Dimensions
IS8-PS120P50-A2P	8mm	Semi-shielded	PNP, NO	10...30 VDC	<200mA	800HZ	-25°C...70°C	2 m PVC cable	Standard 50mm	Figure 2
IS8-PS12CP50-A2P			PNP, NC							
IS8-PS120N50-A2P			NPN, NO							
IS8-PS12CN50-A2P			NPN, NC							
IS8-PS12COP50-A2P			PNP, NO+NC							
IS8-PS12CON50-A2P			NPN, NO+NC							
IS8-PS120P30-A2P	8mm	Semi-shielded	PNP, NO	10...30 VDC	<200mA	800HZ	-25°C...70°C	2 m PVC cable	30mm	Figure 1
IS8-PS12CP30-A2P			PNP, NC							
IS8-PS120N30-A2P			NPN, NO							
IS8-PS12CN30-A2P			NPN, NC							
IS8-PS12COP30-A2P			PNP, NO+NC							
IS8-PS12CON30-A2P			NPN, NO+NC							

Dimensions



M12 cylindrical inductive sensors

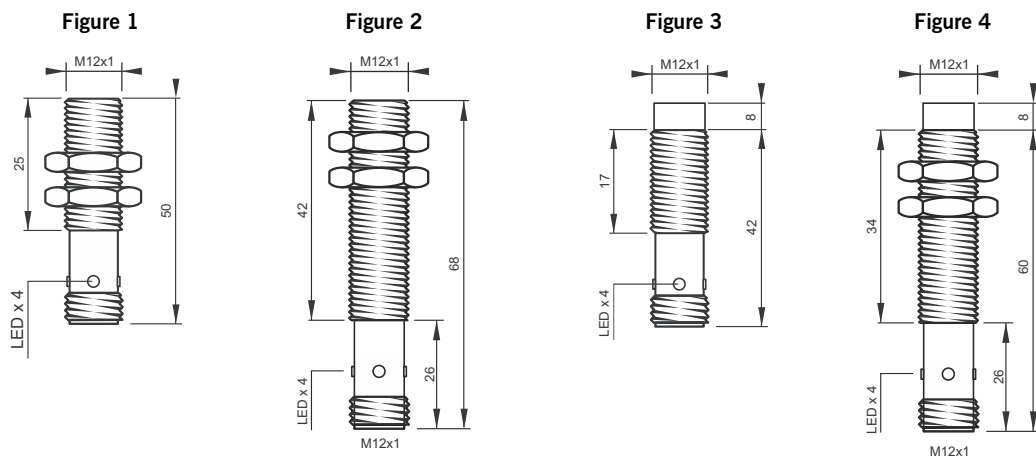
M12-8mm, Semi-shielded; 12mm, Unshielded

- Housing: Brass
- Sensing Face: PBT
- Operating Voltage: 10...30 VDC
- Operating Temperature: -25...70 °C
- Protection Class: IP67
- Switching Indicator: built-in
- Connection: M12 connector



Order code	Working distance	Installation	Output	Operating voltage	Output current	Switching frequency	Temperature range	Connection	Body length	Dimensions
IS2-PS120P68-A12	8mm	Semi-shielded	PNP, NO	10...30 VDC	<200mA	800HZ	-25°C...70°C	M12 connector	Standard 68mm	Figure 2
IS2-PS12CP68-A12			PNP, NC							
IS2-PS12ON68-A12			NPN, NO							
IS2-PS12CN68-A12			NPN, NC							
IS2-PS12COP68-A12			PNP, NO+NC							
IS2-PS12CON68-A12			NPN, NO+NC							
IN4-PS120P68-A12	12mm	Unshielded	PNP, NO	10...30 VDC	<200mA	400HZ	-25°C...70°C	M12 connector	Standard 68mm	Figure 4
IN4-PS12CP68-A12			PNP, NC							
IN4-PS12ON68-A12			NPN, NO							
IN4-PS12CN68-A12			NPN, NC							
IN4-PS12COP68-A12			PNP, NO+NC							
IN4-PS12CON68-A12			NPN, NO+NC							
IS2-PS120P50-A12	8mm	Semi-shielded	PNP, NO	10...30 VDC	<200mA	800HZ	-25°C...70°C	M12 connector	50mm	Figure 1
IS2-PS12CP50-A12			PNP, NC							
IS2-PS12ON50-A12			NPN, NO							
IS2-PS12CN50-A12			NPN, NC							
IS2-PS12COP50-A12			PNP, NO+NC							
IS2-PS12CON50-A12			NPN, NO+NC							
IN4-PS120P30-A12	12mm	Unshielded	PNP, NO	10...30 VDC	<200mA	400HZ	-25°C...70°C	M12 connector	50mm	Figure 3
IN4-PS12CP30-A12			PNP, NC							
IN4-PS12ON30-A12			NPN, NO							
IN4-PS12CN30-A12			NPN, NC							
IN4-PS12COP30-A12			PNP, NO+NC							
IN4-PS12CON30-A12			NPN, NO+NC							

Dimensions



M12 cylindrical inductive sensors

M12-12mm, Unshielded

- Housing Brass
- Sensing Face PBT
- Operating Voltage 10...30 VDC
- Operating Temperature -25...70 °C
- Protection Class IP67
- Switching Indicator built-in
- Connection 2 m PVC cable



Order code	Working distance	Installation	Output	Operating voltage	Output current	Switching frequency	Temperature range	Connection	Body length	Dimensions
IN12-PS120P50-A2P	12mm	Unshielded	PNP, NO	10...30 VDC	<200mA	400HZ	-25°C...70°C	2 m PVC cable	Standard 50mm	Figure 2
IN12-PS12CP50-A2P			PNP, NC							
IN12-PS12ON50-A2P			NPN, NO							
IN12-PS12CN50-A2P			NPN, NC							
IN12-PS12COP50-A2P			PNP, NO+NC							
IN12-PS12CON50-A2P			NPN, NO+NC							
IN12-PS120P30-A2P	12mm	Unshielded	PNP, NO	10...30 VDC	<200mA	400HZ	-25°C...70°C	2 m PVC cable	30mm	Figure 1
IN12-PS12CP30-A2P			PNP, NC							
IN12-PS12ON30-A2P			NPN, NO							
IN12-PS12CN30-A2P			NPN, NC							
IN12-PS12COP30-A2P			PNP, NO+NC							
IN12-PS12CON30-A2P			NPN, NO+NC							

Dimensions

Figure 1

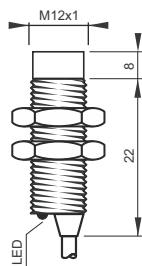
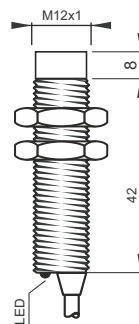


Figure 2



M18 cylindrical inductive sensors

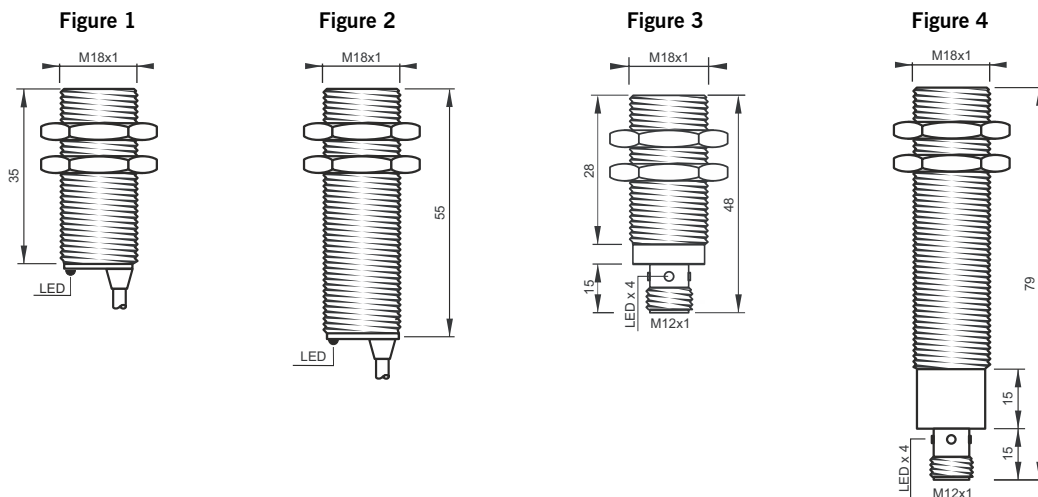
M18-5mm, Shielded

- Housing: Brass
- Sensing Face: PBT
- Operating Voltage: 10...30 VDC
- Operating Temperature: -25...70 °C
- Protection Class: IP67
- Switching Indicator: built-in
- Connection: M12 connector; 2 m PVC cable



Order code	Working distance	Installation	Output	Operating voltage	Output current	Switching frequency	Temperature range	Connection	Body length	Dimensions
IS5-PS180P55-A2P	5mm	Shielded	PNP, NO	10...30 VDC	<200mA	1KHZ	-25°C...70°C	2 m PVC cable	Standard 55mm	Figure 2
IS5-PS18CP55-A2P			PNP, NC							
IS5-PS180N55-A2P			NPN, NO							
IS5-PS18CN55-A2P			NPN, NC							
IS5-PS18COP55-A2P			PNP, NO+NC							
IS5-PS18CON55-A2P			NPN, NO+NC							
IS5-PS180P35-A2P	5mm	Shielded	PNP, NO	10...30 VDC	<200mA	1KHZ	-25°C...70°C	2 m PVC cable	35mm	Figure 1
IS5-PS18CP35-A2P			PNP, NC							
IS5-PS180N35-A2P			NPN, NO							
IS5-PS18CN35-A2P			NPN, NC							
IS5-PS18COP35-A2P			PNP, NO+NC							
IS5-PS18CON35-A2P			NPN, NO+NC							
IS5-PS180P79-A12	5mm	Shielded	PNP, NO	10...30 VDC	<200mA	1KHZ	-25°C...70°C	M12 connector	Standard 79mm	Figure 4
IS5-PS18CP79-A12			PNP, NC							
IS5-PS180N79-A12			NPN, NO							
IS5-PS18CN79-A12			NPN, NC							
IS5-PS18COP79-A12			PNP, NO+NC							
IS5-PS18CON79-A12			NPN, NO+NC							
IS5-PS180P48-A12	5mm	Shielded	PNP, NO	10...30 VDC	<200mA	1KHZ	-25°C...70°C	M12 connector	48mm	Figure 3
IS5-PS18CP48-A12			PNP, NC							
IS5-PS180N48-A12			NPN, NO							
IS5-PS18CN48-A12			NPN, NC							
IS5-PS18COP48-A12			PNP, NO+NC							
IS5-PS18CON48-A12			NPN, NO+NC							

Dimensions



M18 cylindrical inductive sensors

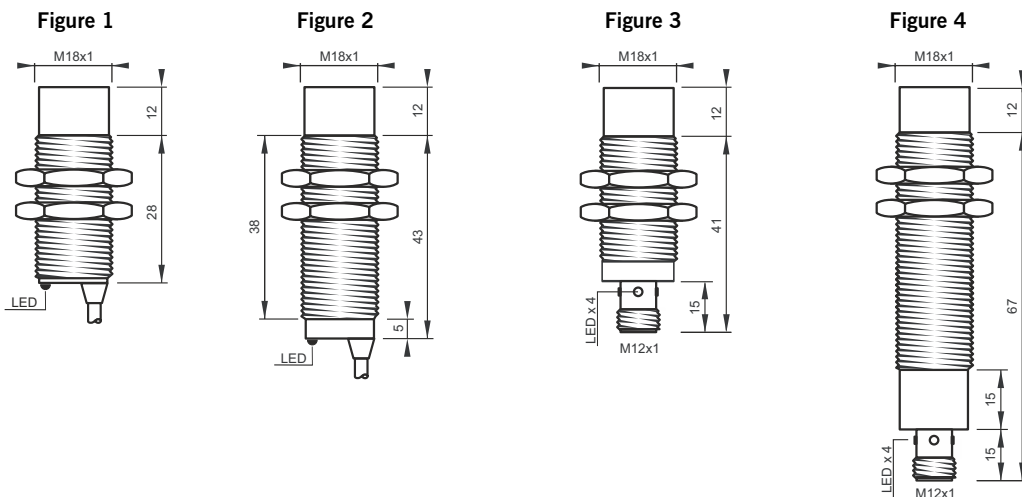
M18-8mm, Unshielded

- Housing: Brass
- Sensing Face: PBT
- Operating Voltage: 10...30 VDC
- Operating Temperature: -25...70 °C
- Protection Class: IP67
- Switching Indicator: built-in
- Connection: M12 connector; 2 m PVC cable



Order code	Working distance	Installation	Output	Operating voltage	Output current	Switching frequency	Temperature range	Connection	Body length	Dimensions
IN8-PS180P55-A2P	8mm	Unshielded	PNP, NO	10...30 VDC	<200mA	500HZ	-25°C...70°C	2 m PVC cable	Standard 55mm	Figure 2
IN8-PS18CP55-A2P			PNP, NC							
IN8-PS180N55-A2P			NPN, NO							
IN8-PS18CN55-A2P			NPN, NC							
IN8-PS18COP55-A2P			PNP, NO+NC							
IN8-PS18CON55-A2P			NPN, NO+NC							
IN8-PS180P40-A2P	8mm	Unshielded	PNP, NO	10...30 VDC	<200mA	500HZ	-25°C...70°C	2 m PVC cable	40mm	Figure 1
IN8-PS18CP40-A2P			PNP, NC							
IN8-PS180N40-A2P			NPN, NO							
IN8-PS18CN40-A2P			NPN, NC							
IN8-PS18COP40-A2P			PNP, NO+NC							
IN8-PS18CON40-A2P			NPN, NO+NC							
IN8-PS180P79-A12	8mm	Unshielded	PNP, NO	10...30 VDC	<200mA	500HZ	-25°C...70°C	M12 connector	Standard 79mm	Figure 4
IN8-PS18CP79-A12			PNP, NC							
IN8-PS180N79-A12			NPN, NO							
IN8-PS18CN79-A12			NPN, NC							
IN8-PS18COP79-A12			PNP, NO+NC							
IN8-PS18CON79-A12			NPN, NO+NC							
IN8-PS180P53-A12	8mm	Unshielded	PNP, NO	10...30 VDC	<200mA	500HZ	-25°C...70°C	M12 connector	53mm	Figure 3
IN8-PS18CP53-A12			PNP, NC							
IN8-PS180N53-A12			NPN, NO							
IN8-PS18CN53-A12			NPN, NC							
IN8-PS18COP53-A12			PNP, NO+NC							
IN8-PS18CON53-A12			NPN, NO+NC							

Dimensions



M18 cylindrical inductive sensors

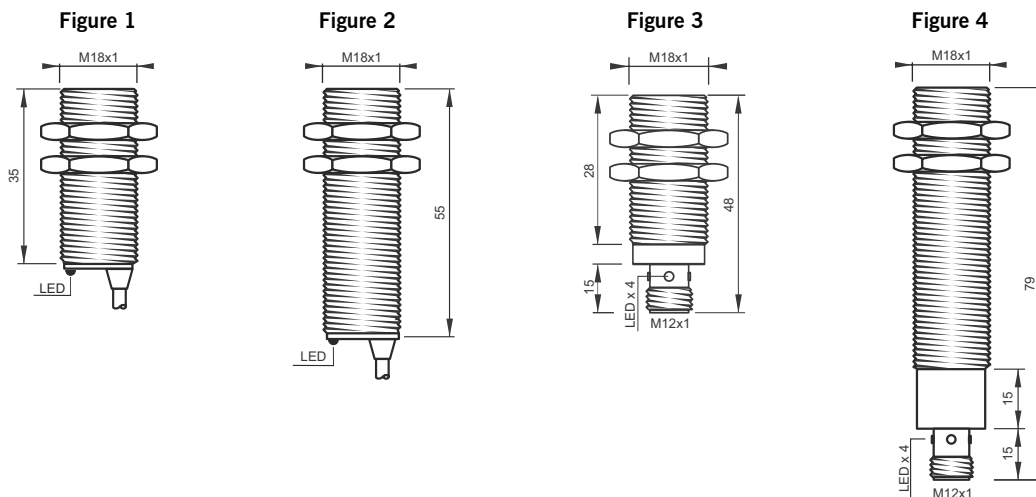
M18-8mm, Shielded

- Housing: Brass
- Sensing Face: PBT
- Operating Voltage: 10...30 VDC
- Operating Temperature: -25...70 °C
- Protection Class: IP67
- Switching Indicator: built-in
- Connection: M12 connector; 2 m PVC cable



Order code	Working distance	Installation	Output	Operating voltage	Output current	Switching frequency	Temperature range	Connection	Body length	Dimensions
IS8-PS180P55-A2P	8mm	Shielded	PNP, NO	10...30 VDC	<200mA	500HZ	-25°C...70°C	2 m PVC cable	Standard 55mm	Figure 2
IS8-PS18CP55-A2P			PNP, NC							
IS8-PS180N55-A2P			NPN, NO							
IS8-PS18CN55-A2P			NPN, NC							
IS8-PS18COP55-A2P			PNP, NO+NC							
IS8-PS18CON55-A2P			NPN, NO+NC							
IS8-PS180P35-A2P	8mm	Shielded	PNP, NO	10...30 VDC	<200mA	500HZ	-25°C...70°C	2 m PVC cable	35mm	Figure 1
IS8-PS18CP35-A2P			PNP, NC							
IS8-PS180N35-A2P			NPN, NO							
IS8-PS18CN35-A2P			NPN, NC							
IS8-PS18COP35-A2P			PNP, NO+NC							
IS8-PS18CON35-A2P			NPN, NO+NC							
IS8-PS180P79-A12	8mm	Shielded	PNP, NO	10...30 VDC	<200mA	500HZ	-25°C...70°C	M12 connector	Standard 79mm	Figure 4
IS8-PS18CP79-A12			PNP, NC							
IS8-PS180N79-A12			NPN, NO							
IS8-PS18CN79-A12			NPN, NC							
IS8-PS18COP79-A12			PNP, NO+NC							
IS8-PS18CON79-A12			NPN, NO+NC							
IS8-PS180P48-A12	8mm	Shielded	PNP, NO	10...30 VDC	<200mA	500HZ	-25°C...70°C	M12 connector	48mm	Figure 3
IS8-PS18CP48-A12			PNP, NC							
IS8-PS180N48-A12			NPN, NO							
IS8-PS18CN48-A12			NPN, NC							
IS8-PS18COP48-A12			PNP, NO+NC							
IS8-PS18CON48-A12			NPN, NO+NC							

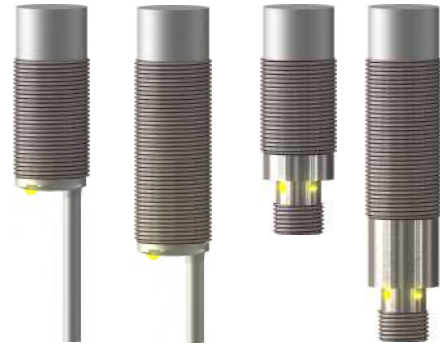
Dimensions



M18 cylindrical inductive sensors

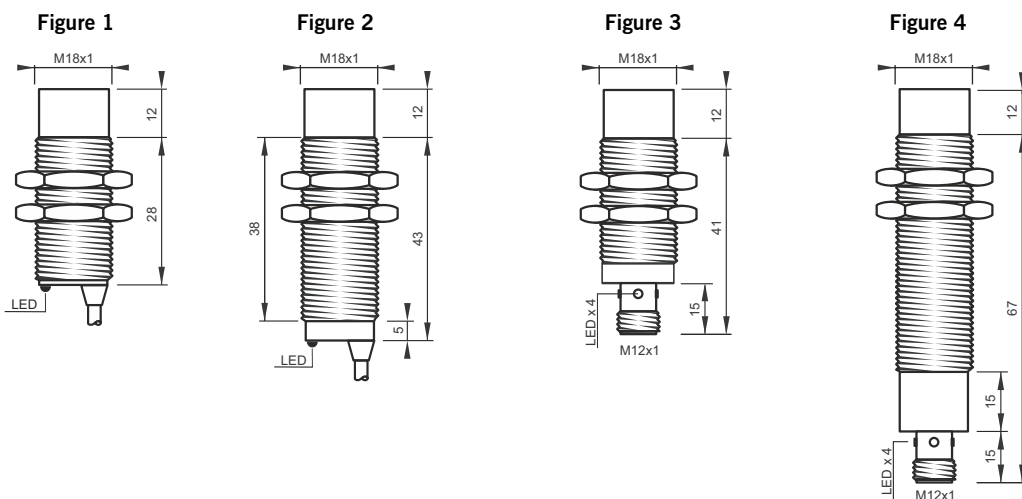
M18-16mm, Unshielded

- Housing: Brass
- Sensing Face: PBT
- Operating Voltage: 10...30 VDC
- Operating Temperature: -25...70 °C
- Protection Class: IP67
- Switching Indicator: built-in
- Connection: M12 connector; 2 m PVC cable



Order code	Working distance	Installation	Output	Operating voltage	Output current	Switching frequency	Temperature range	Connection	Body length	Dimensions
IN16-PS180P55-A2P	16mm	Unshielded	PNP, NO	10...30 VDC	<200mA	150HZ	-25°C...70°C	2 m PVC cable	Standard 55mm	Figure 2
IN16-PS18CP55-A2P			PNP, NC							
IN16-PS18ON55-A2P			NPN, NO							
IN16-PS18CN55-A2P			NPN, NC							
IN16-PS18COP55-A2P			PNP, NO+NC							
IN16-PS18CON55-A2P			NPN, NO+NC							
IN16-PS180P40-A2P	16mm	Unshielded	PNP, NO	10...30 VDC	<200mA	150HZ	-25°C...70°C	2 m PVC cable	40mm	Figure 1
IN16-PS18CP40-A2P			PNP, NC							
IN16-PS18ON40-A2P			NPN, NO							
IN16-PS18CN40-A2P			NPN, NC							
IN16-PS18COP40-A2P			PNP, NO+NC							
IN16-PS18CON40-A2P			NPN, NO+NC							
IN16-PS180P79-A12	16mm	Unshielded	PNP, NO	10...30 VDC	<200mA	150HZ	-25°C...70°C	M12 connector	Standard 79mm	Figure 4
IN16-PS18CP79-A12			PNP, NC							
IN16-PS18ON79-A12			NPN, NO							
IN16-PS18CN79-A12			NPN, NC							
IN16-PS18COP79-A12			PNP, NO+NC							
IN16-PS18CON79-A12			NPN, NO+NC							
IN16-PS180P53-A12	16mm	Unshielded	PNP, NO	10...30 VDC	<200mA	150HZ	-25°C...70°C	M12 connector	53mm	Figure 3
IN16-PS18CP53-A12			PNP, NC							
IN16-PS18ON53-A12			NPN, NO							
IN16-PS18CN53-A12			NPN, NC							
IN16-PS18COP53-A12			PNP, NO+NC							
IN16-PS18CON53-A12			NPN, NO+NC							

Dimensions



M18 cylindrical inductive sensors

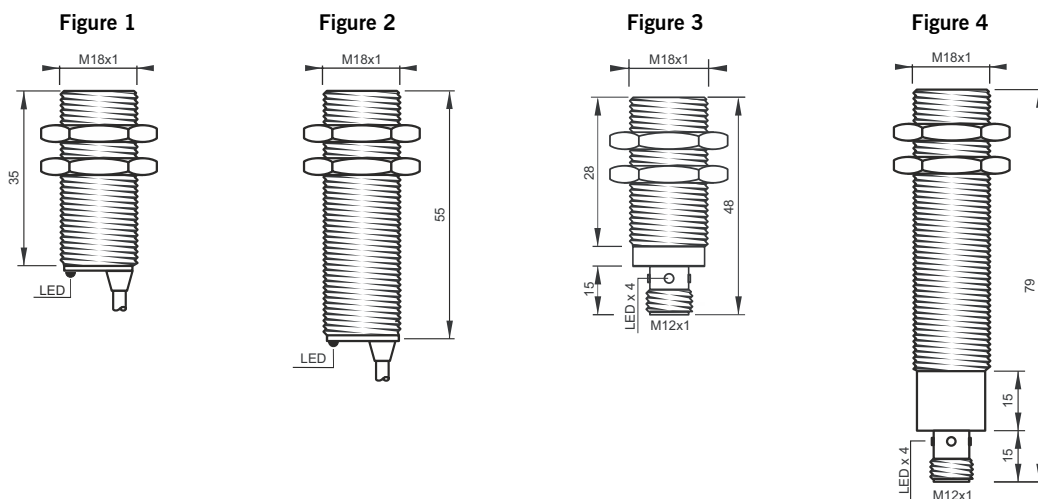
M18-12mm, Semi-shielded

- Housing: Brass
- Sensing Face: PBT
- Operating Voltage: 10...30 VDC
- Operating Temperature: -25...70 °C
- Protection Class: IP67
- Switching Indicator: built-in
- Connection: M12 connector; 2 m PVC cable



Order code	Working distance	Installation	Output	Operating voltage	Output current	Switching frequency	Temperature range	Connection	Body length	Dimensions
IS12-PS18OP55-A2P	12mm	Semi-shielded	PNP, NO	10...30 VDC	<200mA	300HZ	-25°C...70°C	2 m PVC cable	Standard 55mm	Figure 2
IS12-PS18CP55-A2P			PNP, NC							
IS12-PS18ON55-A2P			NPN, NO							
IS12-PS18CN55-A2P			NPN, NC							
IS12-PS18COP55-A2P			PNP, NO+NC							
IS12-PS18CON55-A2P			NPN, NO+NC							
IS12-PS18OP35-A2P	12mm	Semi-shielded	PNP, NO	10...30 VDC	<200mA	300HZ	-25°C...70°C	2 m PVC cable	35mm	Figure 1
IS12-PS18CP35-A2P			PNP, NC							
IS12-PS18ON35-A2P			NPN, NO							
IS12-PS18CN35-A2P			NPN, NC							
IS12-PS18COP35-A2P			PNP, NO+NC							
IS12-PS18CON35-A2P			NPN, NO+NC							
IS12-PS18OP79-A12	12mm	Semi-shielded	PNP, NO	10...30 VDC	<200mA	300HZ	-25°C...70°C	M12 connector	Standard 79mm	Figure 4
IS12-PS18CP79-A12			PNP, NC							
IS12-PS18ON79-A12			NPN, NO							
IS12-PS18CN79-A12			NPN, NC							
IS12-PS18COP79-A12			PNP, NO+NC							
IS12-PS18CON79-A12			NPN, NO+NC							
IS12-PS18OP48-A12	12mm	Semi-shielded	PNP, NO	10...30 VDC	<200mA	300HZ	-25°C...70°C	M12 connector	48mm	Figure 3
IS12-PS18CP48-A12			PNP, NC							
IS12-PS18ON48-A12			NPN, NO							
IS12-PS18CN48-A12			NPN, NC							
IS12-PS18COP48-A12			PNP, NO+NC							
IS12-PS18CON48-A12			NPN, NO+NC							

Dimensions



M18 cylindrical inductive sensors

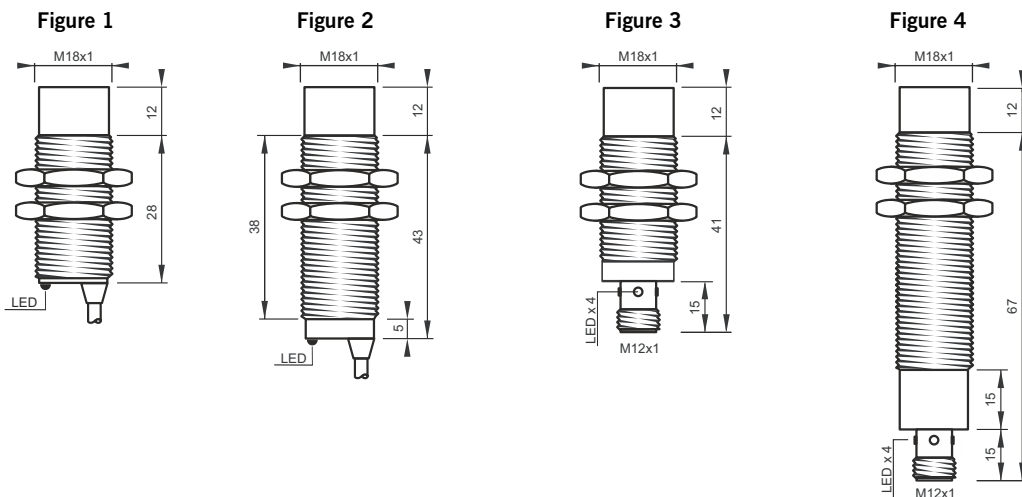
M18-20mm, Unshielded

- Housing: Brass
- Sensing Face: PBT
- Operating Voltage: 10...30 VDC
- Operating Temperature: -25...70 °C
- Protection Class: IP67
- Switching Indicator: built-in
- Connection: M12 connector; 2 m PVC cable



Order code	Working distance	Installation	Output	Operating voltage	Output current	Switching frequency	Temperature range	Connection	Body length	Dimensions
IN20-PS180P55-A2P	20mm	Unshielded	PNP, NO	10...30 VDC	<200mA	100HZ	-25°C...70°C	2 m PVC cable	Standard 55mm	Figure 2
IN20-PS18CP55-A2P			PNP, NC							
IN20-PS180N55-A2P			NPN, NO							
IN20-PS18CN55-A2P			NPN, NC							
IN20-PS18COP55-A2P			PNP, NO+NC							
IN20-PS18CON55-A2P			NPN, NO+NC							
IN20-PS180P40-A2P	20mm	Unshielded	PNP, NO	10...30 VDC	<200mA	100HZ	-25°C...70°C	2 m PVC cable	40mm	Figure 1
IN20-PS18CP40-A2P			PNP, NC							
IN20-PS180N40-A2P			NPN, NO							
IN20-PS18CN40-A2P			NPN, NC							
IN20-PS18COP40-A2P			PNP, NO+NC							
IN20-PS18CON40-A2P			NPN, NO+NC							
IN20-PS180P79-A12	20mm	Unshielded	PNP, NO	10...30 VDC	<200mA	100HZ	-25°C...70°C	M12 connector	Standard 79mm	Figure 4
IN20-PS18CP79-A12			PNP, NC							
IN20-PS180N79-A12			NPN, NO							
IN20-PS18CN79-A12			NPN, NC							
IN20-PS18COP79-A12			PNP, NO+NC							
IN20-PS18CON79-A12			NPN, NO+NC							
IN20-PS180P53-A12	20mm	Unshielded	PNP, NO	10...30 VDC	<200mA	100HZ	-25°C...70°C	M12 connector	53mm	Figure 3
IN20-PS18CP53-A12			PNP, NC							
IN20-PS180N53-A12			NPN, NO							
IN20-PS18CN53-A12			NPN, NC							
IN20-PS18COP53-A12			PNP, NO+NC							
IN20-PS18CON53-A12			NPN, NO+NC							

Dimensions



M18 cylindrical inductive sensors

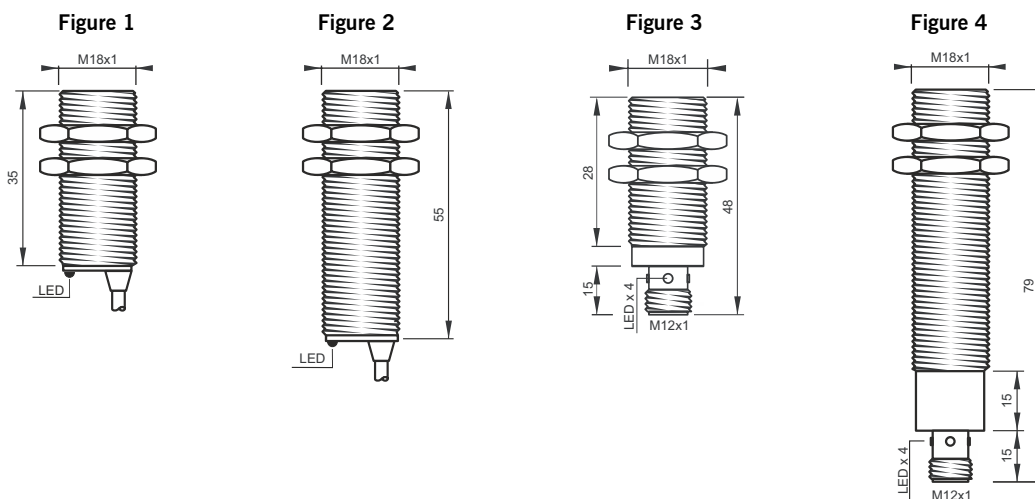
M18-15mm, Semi-shielded

- Housing: Brass
- Sensing Face: PBT
- Operating Voltage: 10...30 VDC
- Operating Temperature: -25...70 °C
- Protection Class: IP67
- Switching Indicator: built-in
- Connection: M12 connector; 2 m PVC cable



Order code	Working distance	Installation	Output	Operating voltage	Output current	Switching frequency	Temperature range	Connection	Body length	Dimensions
IS15-PS18OP55-A2P	15mm	Semi-shielded	PNP, NO	10...30 VDC	<200mA	300HZ	-25°C...70°C	2 m PVC cable	Standard 55mm	Figure 2
IS15-PS18CP55-A2P			PNP, NC							
IS15-PS18ON55-A2P			NPN, NO							
IS15-PS18CN55-A2P			NPN, NC							
IS15-PS18COP55-A2P			PNP, NO+NC							
IS15-PS18CON55-A2P			NPN, NO+NC							
IS15-PS18OP35-A2P	15mm	Semi-shielded	PNP, NO	10...30 VDC	<200mA	300HZ	-25°C...70°C	2 m PVC cable	35mm	Figure 1
IS15-PS18CP35-A2P			PNP, NC							
IS15-PS18ON35-A2P			NPN, NO							
IS15-PS18CN35-A2P			NPN, NC							
IS15-PS18COP35-A2P			PNP, NO+NC							
IS15-PS18CON35-A2P			NPN, NO+NC							
IS15-PS18OP79-A12	15mm	Semi-shielded	PNP, NO	10...30 VDC	<200mA	300HZ	-25°C...70°C	M12 connector	Standard 79mm	Figure 4
IS15-PS18CP79-A12			PNP, NC							
IS15-PS18ON79-A12			NPN, NO							
IS15-PS18CN79-A12			NPN, NC							
IS15-PS18COP79-A12			PNP, NO+NC							
IS15-PS18CON79-A12			NPN, NO+NC							
IS15-PS18OP48-A12	15mm	Semi-shielded	PNP, NO	10...30 VDC	<200mA	300HZ	-25°C...70°C	M12 connector	48mm	Figure 3
IS15-PS18CP48-A12			PNP, NC							
IS15-PS18ON48-A12			NPN, NO							
IS15-PS18CN48-A12			NPN, NC							
IS15-PS18COP48-A12			PNP, NO+NC							
IS15-PS18CON48-A12			NPN, NO+NC							

Dimensions



M18 cylindrical inductive sensors

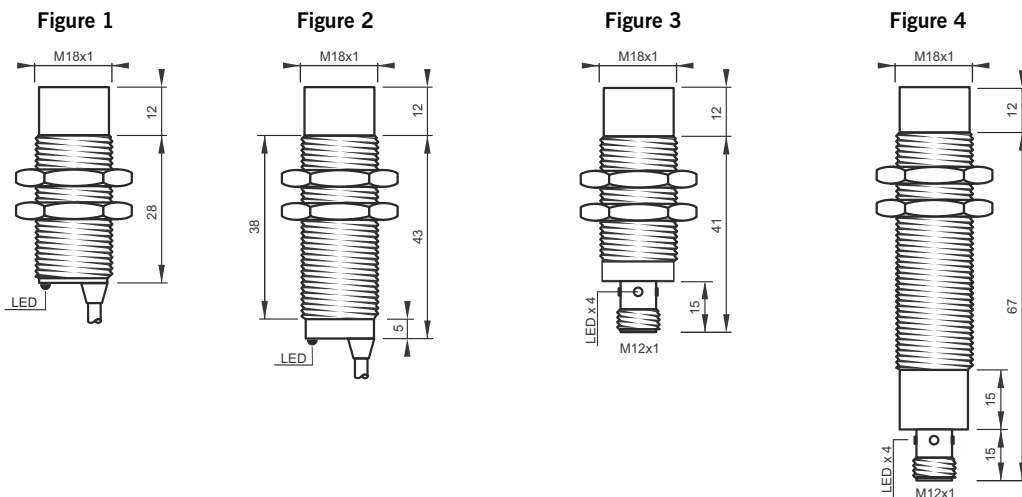
M18-23mm, Unshielded

- Housing: Brass
- Sensing Face: PBT
- Operating Voltage: 10...30 VDC
- Operating Temperature: -25...70 °C
- Protection Class: IP67
- Switching Indicator: built-in
- Connection: M12 connector; 2 m PVC cable



Order code	Working distance	Installation	Output	Operating voltage	Output current	Switching frequency	Temperature range	Connection	Body length	Dimensions
IN23-PS180P55-A2P	23mm	Unshielded	PNP, NO	10...30 VDC	<200mA	100HZ	-25°C...70°C	2 m PVC cable	Standard 55mm	Figure 2
IN23-PS18CP55-A2P			PNP, NC							
IN23-PS18ON55-A2P			NPN, NO							
IN23-PS18CN55-A2P			NPN, NC							
IN23-PS18COP55-A2P			PNP, NO+NC							
IN23-PS18CON55-A2P			NPN, NO+NC							
IN23-PS180P40-A2P	23mm	Unshielded	PNP, NO	10...30 VDC	<200mA	100HZ	-25°C...70°C	2 m PVC cable	40mm	Figure 1
IN23-PS18CP40-A2P			PNP, NC							
IN23-PS18ON40-A2P			NPN, NO							
IN23-PS18CN40-A2P			NPN, NC							
IN23-PS18COP40-A2P			PNP, NO+NC							
IN23-PS18CON40-A2P			NPN, NO+NC							
IN23-PS180P79-A12	23mm	Unshielded	PNP, NO	10...30 VDC	<200mA	100HZ	-25°C...70°C	M12 connector	Standard 79mm	Figure 4
IN23-PS18CP79-A12			PNP, NC							
IN23-PS18ON79-A12			NPN, NO							
IN23-PS18CN79-A12			NPN, NC							
IN23-PS18COP79-A12			PNP, NO+NC							
IN23-PS18CON79-A12			NPN, NO+NC							
IN23-PS180P53-A12	23mm	Unshielded	PNP, NO	10...30 VDC	<200mA	100HZ	-25°C...70°C	M12 connector	53mm	Figure 3
IN23-PS18CP53-A12			PNP, NC							
IN23-PS18ON53-A12			NPN, NO							
IN23-PS18CN53-A12			NPN, NC							
IN23-PS18COP53-A12			PNP, NO+NC							
IN23-PS18CON53-A12			NPN, NO+NC							

Dimensions



M30 cylindrical inductive sensors

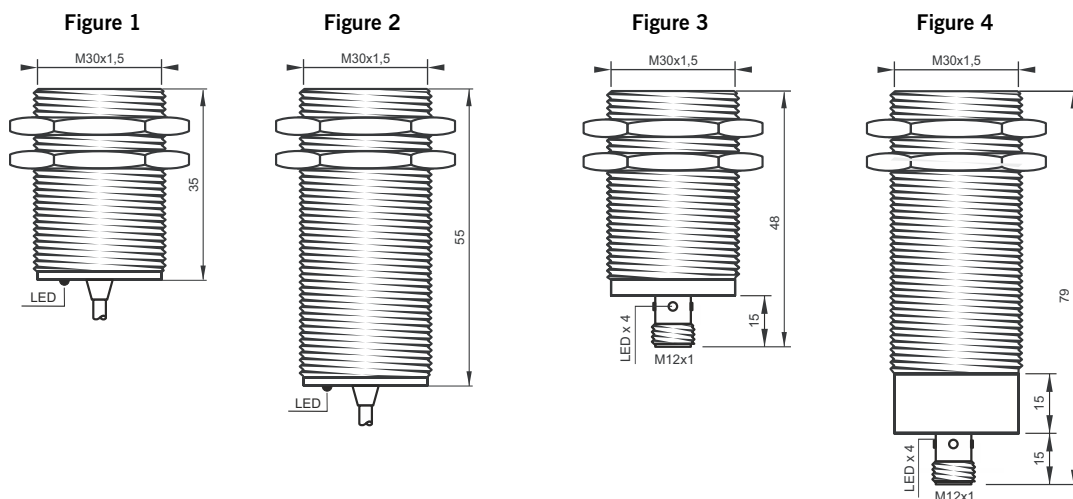
M30-10mm, Shielded

- Housing: Brass
- Sensing Face: PBT
- Operating Voltage: 10...30 VDC
- Operating Temperature: -25...70 °C
- Protection Class: IP67
- Switching Indicator: built-in
- Connection: M12 connector; 2 m PVC cable



Order code	Working distance	Installation	Output	Operating voltage	Output current	Switching frequency	Temperature range	Connection	Body length	Dimensions
IS10-PS30P55-A2P	10mm	Shielded	PNP, NO	10...30 VDC	<200mA	300HZ	-25°C...70°C	2 m PVC cable	Standard 55mm	Figure 2
IS10-PS30CP55-A2P			PNP, NC							
IS10-PS30N55-A2P			NPN, NO							
IS10-PS30CN55-A2P			NPN, NC							
IS10-PS30COP55-A2P			PNP, NO+NC							
IS10-PS30CON55-A2P			NPN, NO+NC							
IS10-PS30P35-A2P	10mm	Shielded	PNP, NO	10...30 VDC	<200mA	300HZ	-25°C...70°C	2 m PVC cable	35mm	Figure 1
IS10-PS30CP35-A2P			PNP, NC							
IS10-PS30N35-A2P			NPN, NO							
IS10-PS30CN35-A2P			NPN, NC							
IS10-PS30COP35-A2P			PNP, NO+NC							
IS10-PS30CON35-A2P			NPN, NO+NC							
IS10-PS30P79-A12	10mm	Shielded	PNP, NO	10...30 VDC	<200mA	300HZ	-25°C...70°C	M12 connector	Standard 79mm	Figure 4
IS10-PS30CP79-A12			PNP, NC							
IS10-PS30N79-A12			NPN, NO							
IS10-PS30CN79-A12			NPN, NC							
IS10-PS30COP79-A12			PNP, NO+NC							
IS10-PS30CON79-A12			NPN, NO+NC							
IS10-PS30P48-A12	10mm	Shielded	PNP, NO	10...30 VDC	<200mA	300HZ	-25°C...70°C	M12 connector	48mm	Figure 3
IS10-PS30CP48-A12			PNP, NC							
IS10-PS30N48-A12			NPN, NO							
IS10-PS30CN48-A12			NPN, NC							
IS10-PS30COP48-A12			PNP, NO+NC							
IS10-PS30CON48-A12			NPN, NO+NC							

Dimensions



M30 cylindrical inductive sensors

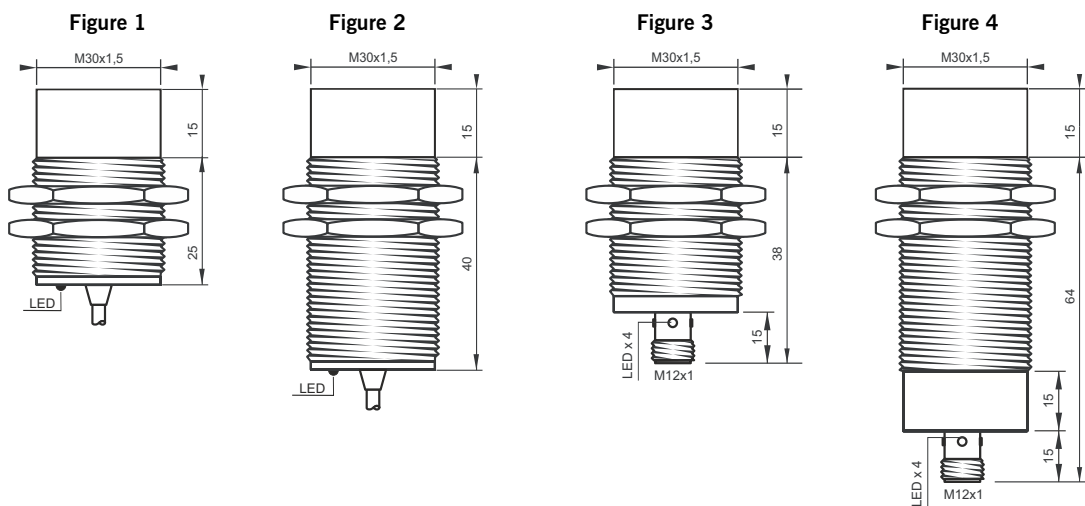
M30-15mm, Unshielded

- Housing: Brass
- Sensing Face: PBT
- Operating Voltage: 10...30 VDC
- Operating Temperature: -25...70 °C
- Protection Class: IP67
- Switching Indicator: built-in
- Connection: M12 connector; 2 m PVC cable



Order code	Working distance	Installation	Output	Operating voltage	Output current	Switching frequency	Temperature range	Connection	Body length	Dimensions
IN15-PS300P55-A2P	15mm	Unshielded	PNP, NO	10...30 VDC	<200mA	150HZ	-25°C...70°C	2 m PVC cable	Standard 55mm	Figure 2
IN15-PS30CP55-A2P			PNP, NC							
IN15-PS300N55-A2P			NPN, NO							
IN15-PS30CN55-A2P			NPN, NC							
IN15-PS30COP55-A2P			PNP, NO+NC							
IN15-PS30CON55-A2P			NPN, NO+NC							
IN15-PS300P40-A2P	15mm	Unshielded	PNP, NO	10...30 VDC	<200mA	150HZ	-25°C...70°C	2 m PVC cable	40mm	Figure 1
IN15-PS30CP40-A2P			PNP, NC							
IN15-PS300N40-A2P			NPN, NO							
IN15-PS30CN40-A2P			NPN, NC							
IN15-PS30COP40-A2P			PNP, NO+NC							
IN15-PS30CON40-A2P			NPN, NO+NC							
IN15-PS300P79-A12	15mm	Unshielded	PNP, NO	10...30 VDC	<200mA	150HZ	-25°C...70°C	M12 connector	Standard 79mm	Figure 4
IN15-PS30CP79-A12			PNP, NC							
IN15-PS300N79-A12			NPN, NO							
IN15-PS30CN79-A12			NPN, NC							
IN15-PS30COP79-A12			PNP, NO+NC							
IN15-PS30CON79-A12			NPN, NO+NC							
IN15-PS300P53-A12	15mm	Unshielded	PNP, NO	10...30 VDC	<200mA	150HZ	-25°C...70°C	M12 connector	53mm	Figure 3
IN15-PS30CP53-A12			PNP, NC							
IN15-PS300N53-A12			NPN, NO							
IN15-PS30CN53-A12			NPN, NC							
IN15-PS30COP53-A12			PNP, NO+NC							
IN15-PS30CON53-A12			NPN, NO+NC							

Dimensions



M30 cylindrical inductive sensors

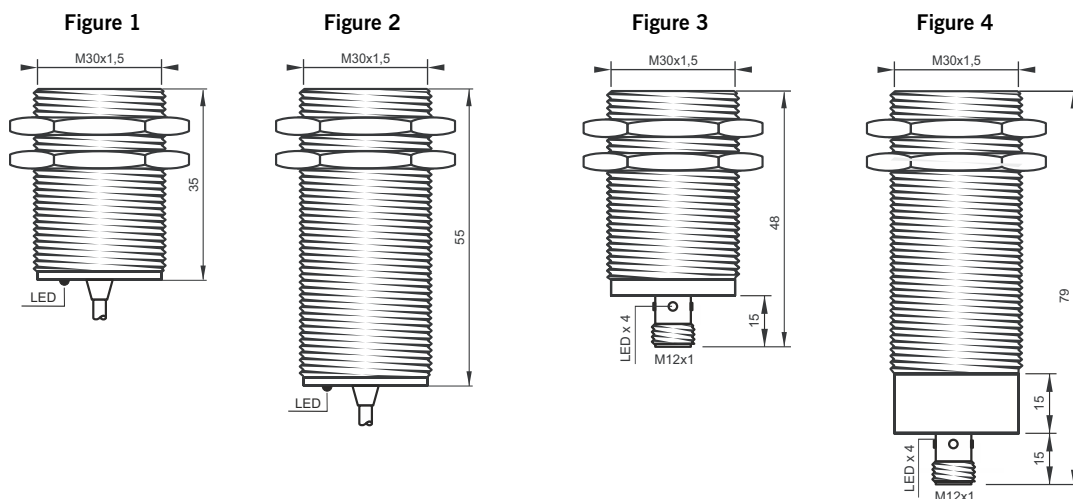
M30-16mm, Shielded

- Housing: Brass
- Sensing Face: PBT
- Operating Voltage: 10...30 VDC
- Operating Temperature: -25...70 °C
- Protection Class: IP67
- Switching Indicator: built-in
- Connection: M12 connector; 2 m PVC cable



Order code	Working distance	Installation	Output	Operating voltage	Output current	Switching frequency	Temperature range	Connection	Body length	Dimensions
IS16-PS30P55-A2P	16mm	Shielded	PNP, NO	10...30 VDC	<200mA	150HZ	-25°C...70°C	2 m PVC cable	Standard 55mm	Figure 2
IS16-PS30CP55-A2P			PNP, NC							
IS16-PS30N55-A2P			NPN, NO							
IS16-PS30CN55-A2P			NPN, NC							
IS16-PS30COP55-A2P			PNP, NO+NC							
IS16-PS30CON55-A2P			NPN, NO+NC							
IS16-PS30P35-A2P	16mm	Shielded	PNP, NO	10...30 VDC	<200mA	150HZ	-25°C...70°C	2 m PVC cable	35mm	Figure 1
IS16-PS30CP35-A2P			PNP, NC							
IS16-PS30N35-A2P			NPN, NO							
IS16-PS30CN35-A2P			NPN, NC							
IS16-PS30COP35-A2P			PNP, NO+NC							
IS16-PS30CON35-A2P			NPN, NO+NC							
IS16-PS30P79-A12	16mm	Shielded	PNP, NO	10...30 VDC	<200mA	150HZ	-25°C...70°C	M12 connector	Standard 79mm	Figure 4
IS16-PS30CP79-A12			PNP, NC							
IS16-PS30N79-A12			NPN, NO							
IS16-PS30CN79-A12			NPN, NC							
IS16-PS30COP79-A12			PNP, NO+NC							
IS16-PS30CON79-A12			NPN, NO+NC							
IS16-PS30P48-A12	16mm	Shielded	PNP, NO	10...30 VDC	<200mA	150HZ	-25°C...70°C	M12 connector	48mm	Figure 3
IS16-PS30CP48-A12			PNP, NC							
IS16-PS30N48-A12			NPN, NO							
IS16-PS30CN48-A12			NPN, NC							
IS16-PS30COP48-A12			PNP, NO+NC							
IS16-PS30CON48-A12			NPN, NO+NC							

Dimensions



M30 cylindrical inductive sensors

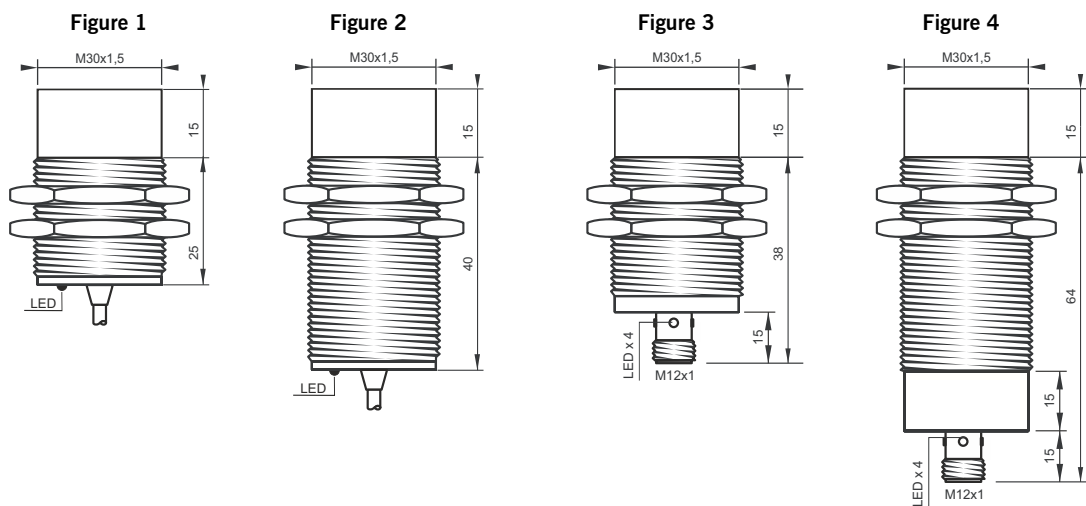
M30-25mm, Unshielded

- Housing: Brass
- Sensing Face: PBT
- Operating Voltage: 10...30 VDC
- Operating Temperature: -25...70 °C
- Protection Class: IP67
- Switching Indicator: built-in
- Connection: M12 connector; 2 m PVC cable



Order code	Working distance	Installation	Output	Operating voltage	Output current	Switching frequency	Temperature range	Connection	Body length	Dimensions
IN25-PS300P55-A2P	25mm	Unshielded	PNP, NO	10...30 VDC	<200mA	100HZ	-25°C...70°C	2 m PVC cable	Standard 55mm	Figure 2
IN25-PS30CP55-A2P			PNP, NC							
IN25-PS300N55-A2P			NPN, NO							
IN25-PS30CN55-A2P			NPN, NC							
IN25-PS30COP55-A2P			PNP, NO+NC							
IN25-PS30CON55-A2P			NPN, NO+NC							
IN25-PS300P40-A2P	25mm	Unshielded	PNP, NO	10...30 VDC	<200mA	100HZ	-25°C...70°C	2 m PVC cable	40mm	Figure 1
IN25-PS30CP40-A2P			PNP, NC							
IN25-PS300N40-A2P			NPN, NO							
IN25-PS30CN40-A2P			NPN, NC							
IN25-PS30COP40-A2P			PNP, NO+NC							
IN25-PS30CON40-A2P			NPN, NO+NC							
IN25-PS300P79-A12	25mm	Unshielded	PNP, NO	10...30 VDC	<200mA	100HZ	-25°C...70°C	M12 connector	Standard 79mm	Figure 4
IN25-PS30CP79-A12			PNP, NC							
IN25-PS300N79-A12			NPN, NO							
IN25-PS30CN79-A12			NPN, NC							
IN25-PS30COP79-A12			PNP, NO+NC							
IN25-PS30CON79-A12			NPN, NO+NC							
IN25-PS300P53-A12	25mm	Unshielded	PNP, NO	10...30 VDC	<200mA	100HZ	-25°C...70°C	M12 connector	53mm	Figure 3
IN25-PS30CP53-A12			PNP, NC							
IN25-PS300N53-A12			NPN, NO							
IN25-PS30CN53-A12			NPN, NC							
IN25-PS30COP53-A12			PNP, NO+NC							
IN25-PS30CON53-A12			NPN, NO+NC							

Dimensions



M30 cylindrical inductive sensors

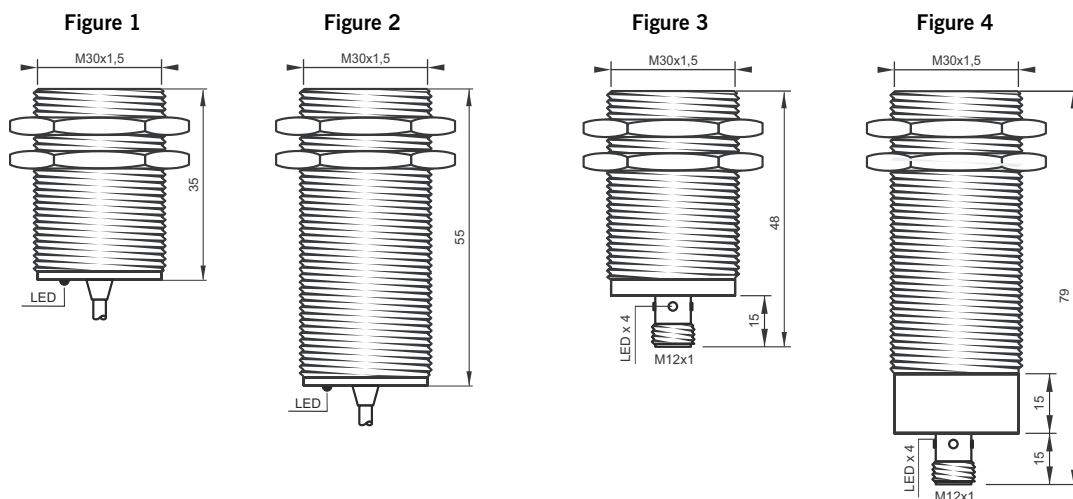
M30-22mm, Semi-shielded

- Housing: Brass
- Sensing Face: PBT
- Operating Voltage: 10...30 VDC
- Operating Temperature: -25...70 °C
- Protection Class: IP67
- Switching Indicator: built-in
- Connection: M12 connector; 2 m PVC cable



Order code	Working distance	Installation	Output	Operating voltage	Output current	Switching frequency	Temperature range	Connection	Body length	Dimensions
IS22-PS30P55-A2P	22mm	Semi-shielded	PNP, NO	10...30 VDC	<200mA	150HZ	-25°C...70°C	2 m PVC cable	Standard 55mm	Figure 2
IS22-PS30CP55-A2P			PNP, NC							
IS22-PS30N55-A2P			NPN, NO							
IS22-PS30CN55-A2P			NPN, NC							
IS22-PS30COP55-A2P			PNP, NO+NC							
IS22-PS30CON55-A2P			NPN, NO+NC							
IS22-PS30P35-A2P	22mm	Semi-shielded	PNP, NO	10...30 VDC	<200mA	150HZ	-25°C...70°C	2 m PVC cable	35mm	Figure 1
IS22-PS30CP35-A2P			PNP, NC							
IS22-PS30N35-A2P			NPN, NO							
IS22-PS30CN35-A2P			NPN, NC							
IS22-PS30COP35-A2P			PNP, NO+NC							
IS22-PS30CON35-A2P			NPN, NO+NC							
IS22-PS30P79-A12	22mm	Semi-shielded	PNP, NO	10...30 VDC	<200mA	150HZ	-25°C...70°C	M12 connector	Standard 79mm	Figure 4
IS22-PS30CP79-A12			PNP, NC							
IS22-PS30N79-A12			NPN, NO							
IS22-PS30CN79-A12			NPN, NC							
IS22-PS30COP79-A12			PNP, NO+NC							
IS22-PS30CON79-A12			NPN, NO+NC							
IS22-PS30P48-A12	22mm	Semi-shielded	PNP, NO	10...30 VDC	<200mA	150HZ	-25°C...70°C	M12 connector	48mm	Figure 3
IS22-PS30CP48-A12			PNP, NC							
IS22-PS30N48-A12			NPN, NO							
IS22-PS30CN48-A12			NPN, NC							
IS22-PS30COP48-A12			PNP, NO+NC							
IS22-PS30CON48-A12			NPN, NO+NC							

Dimensions



M30 cylindrical inductive sensors

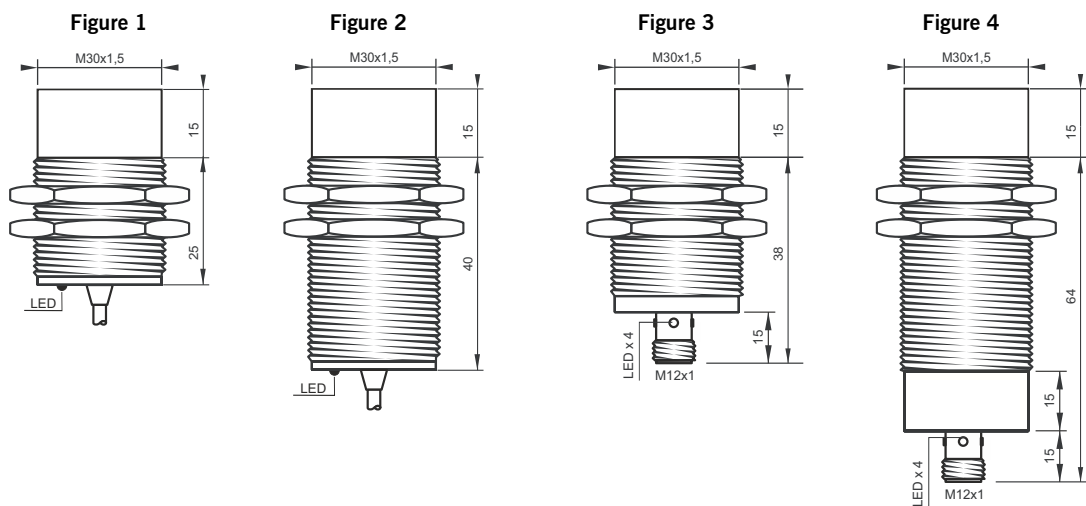
M30-40mm, Unshielded

- Housing: Brass
- Sensing Face: PBT
- Operating Voltage: 10...30 VDC
- Operating Temperature: -25...70 °C
- Protection Class: IP67
- Switching Indicator: built-in
- Connection: M12 connector; 2 m PVC cable



Order code	Working distance	Installation	Output	Operating voltage	Output current	Switching frequency	Temperature range	Connection	Body length	Dimensions
IN40-PS300P55-A2P	40mm	Unshielded	PNP, NO	10...30 VDC	<200mA	100HZ	-25°C...70°C	2 m PVC cable	Standard 55mm	Figure 2
IN40-PS30CP55-A2P			PNP, NC							
IN40-PS300N55-A2P			NPN, NO							
IN40-PS30CN55-A2P			NPN, NC							
IN40-PS30COP55-A2P			PNP, NO+NC							
IN40-PS30CON55-A2P			NPN, NO+NC							
IN40-PS300P40-A2P	40mm	Unshielded	PNP, NO	10...30 VDC	<200mA	100HZ	-25°C...70°C	2 m PVC cable	40mm	Figure 1
IN40-PS30CP40-A2P			PNP, NC							
IN40-PS300N40-A2P			NPN, NO							
IN40-PS30CN40-A2P			NPN, NC							
IN40-PS30COP40-A2P			PNP, NO+NC							
IN40-PS30CON40-A2P			NPN, NO+NC							
IN40-PS300P79-A12	40mm	Unshielded	PNP, NO	10...30 VDC	<200mA	100HZ	-25°C...70°C	M12 connector	Standard 79mm	Figure 4
IN40-PS30CP79-A12			PNP, NC							
IN40-PS300N79-A12			NPN, NO							
IN40-PS30CN79-A12			NPN, NC							
IN40-PS30COP79-A12			PNP, NO+NC							
IN40-PS30CON79-A12			NPN, NO+NC							
IN40-PS300P53-A12	40mm	Unshielded	PNP, NO	10...30 VDC	<200mA	100HZ	-25°C...70°C	M12 connector	53mm	Figure 3
IN40-PS30CP53-A12			PNP, NC							
IN40-PS300N53-A12			NPN, NO							
IN40-PS30CN53-A12			NPN, NC							
IN40-PS30COP53-A12			PNP, NO+NC							
IN40-PS30CON53-A12			NPN, NO+NC							

Dimensions



M30 cylindrical inductive sensors

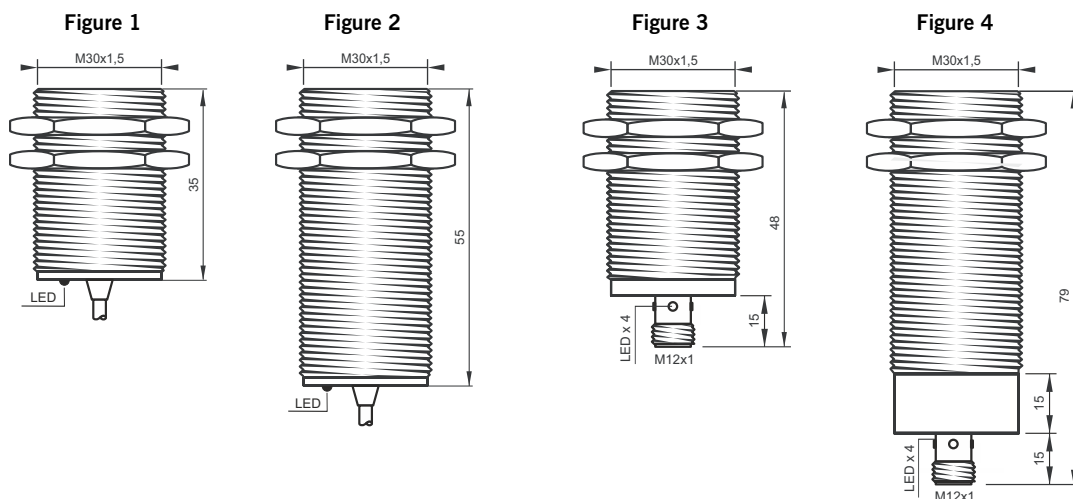
M30-25mm, Semi-shielded

- Housing: Brass
- Sensing Face: PBT
- Operating Voltage: 10...30 VDC
- Operating Temperature: -25...70 °C
- Protection Class: IP67
- Switching Indicator: built-in
- Connection: M12 connector; 2 m PVC cable



Order code	Working distance	Installation	Output	Operating voltage	Output current	Switching frequency	Temperature range	Connection	Body length	Dimensions
IS25PS300P55-A2P	25mm	Semi-shielded	PNP, NO	10...30 VDC	<200mA	150HZ	-25°C...70°C	2 m PVC cable	Standard 55mm	Figure 2
IS25PS30CP55-A2P			PNP, NC							
IS25PS300N55-A2P			NPN, NO							
IS25PS30CN55-A2P			NPN, NC							
IS25PS30COP55-A2P			PNP, NO+NC							
IS25PS30CON55-A2P			NPN, NO+NC							
IS25PS300P35-A2P	25mm	Semi-shielded	PNP, NO	10...30 VDC	<200mA	150HZ	-25°C...70°C	2 m PVC cable	35mm	Figure 1
IS25PS30CP35-A2P			PNP, NC							
IS25PS300N35-A2P			NPN, NO							
IS25PS30CN35-A2P			NPN, NC							
IS25PS30COP35-A2P			PNP, NO+NC							
IS25PS30CON35-A2P			NPN, NO+NC							
IS25PS300P79-A12	25mm	Semi-shielded	PNP, NO	10...30 VDC	<200mA	150HZ	-25°C...70°C	M12 connector	Standard 79mm	Figure 4
IS25PS30CP79-A12			PNP, NC							
IS25PS300N79-A12			NPN, NO							
IS25PS30CN79-A12			NPN, NC							
IS25PS30COP79-A12			PNP, NO+NC							
IS25PS30CON79-A12			NPN, NO+NC							
IS25PS300P48-A12	25mm	Semi-shielded	PNP, NO	10...30 VDC	<200mA	150HZ	-25°C...70°C	M12 connector	48mm	Figure 3
IS25PS30CP48-A12			PNP, NC							
IS25PS300N48-A12			NPN, NO							
IS25PS30CN48-A12			NPN, NC							
IS25PS30COP48-A12			PNP, NO+NC							
IS25PS30CON48-A12			NPN, NO+NC							

Dimensions



M30 cylindrical inductive sensors

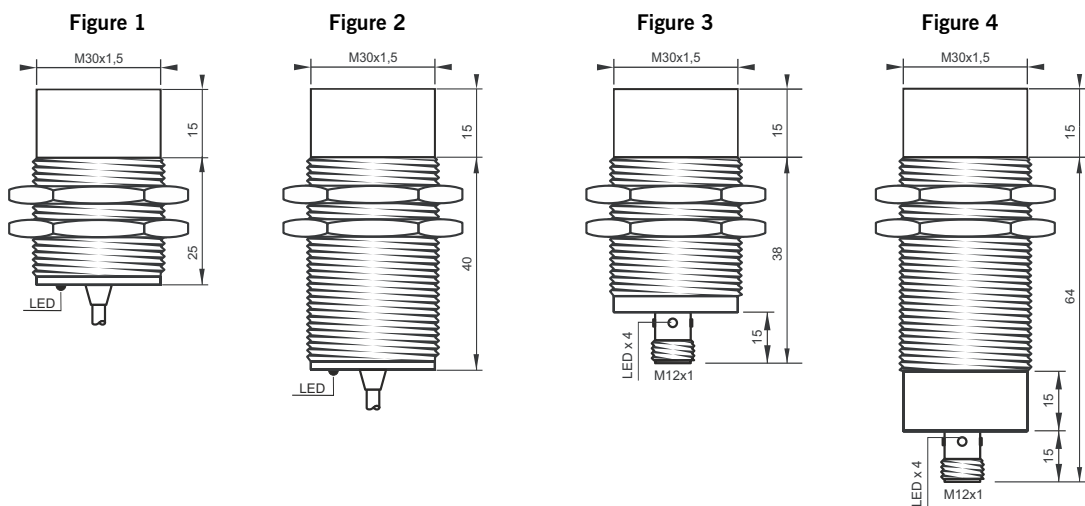
M30-50mm, Unshielded

- Housing: Brass
- Sensing Face: PBT
- Operating Voltage: 10...30 VDC
- Operating Temperature: -25...70 °C
- Protection Class: IP67
- Switching Indicator: built-in
- Connection: M12 connector; 2 m PVC cable



Order code	Working distance	Installation	Output	Operating voltage	Output current	Switching frequency	Temperature range	Connection	Body length	Dimensions
IN50-PS300P55-A2P	50mm	Unshielded	PNP, NO	10...30 VDC	<200mA	100HZ	-25°C...70°C	2 m PVC cable	Standard 55mm	Figure 2
IN50-PS30CP55-A2P			PNP, NC							
IN50-PS300N55-A2P			NPN, NO							
IN50-PS30CN55-A2P			NPN, NC							
IN50-PS30COP55-A2P			PNP, NO+NC							
IN50-PS30CON55-A2P			NPN, NO+NC							
IN50-PS300P40-A2P	50mm	Unshielded	PNP, NO	10...30 VDC	<200mA	100HZ	-25°C...70°C	2 m PVC cable	40mm	Figure 1
IN50-PS30CP40-A2P			PNP, NC							
IN50-PS300N40-A2P			NPN, NO							
IN50-PS30CN40-A2P			NPN, NC							
IN50-PS30COP40-A2P			PNP, NO+NC							
IN50-PS30CON40-A2P			NPN, NO+NC							
IN50-PS300P79-A12	50mm	Unshielded	PNP, NO	10...30 VDC	<200mA	100HZ	-25°C...70°C	M12 connector	Standard 79mm	Figure 4
IN50-PS30CP79-A12			PNP, NC							
IN50-PS300N79-A12			NPN, NO							
IN50-PS30CN79-A12			NPN, NC							
IN50-PS30COP79-A12			PNP, NO+NC							
IN50-PS30CON79-A12			NPN, NO+NC							
IN50-PS300P53-A12	50mm	Unshielded	PNP, NO	10...30 VDC	<200mA	100HZ	-25°C...70°C	M12 connector	53mm	Figure 3
IN50-PS30CP53-A12			PNP, NC							
IN50-PS300N53-A12			NPN, NO							
IN50-PS30CN53-A12			NPN, NC							
IN50-PS30COP53-A12			PNP, NO+NC							
IN50-PS30CON53-A12			NPN, NO+NC							

Dimensions



Accessories

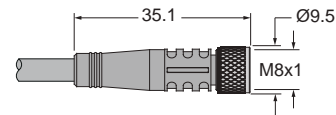
Connecting Cables

M8 Female Molded Cable, Stright , PVC

M8 A-code

- Connector series M8
- Gender Female
- Mounting type Stright
- Coding A
- Locking type Fix Screw
- Cable jacket P00 (PVC,Black)
- Order No. M08*F-*/XXX

* refers to coding type
 ** refers to pins number
 XXX refers to cable specification



Contacts	Coding	Current	Voltage	Wire gauge		Cable jacket	Cable length	Order No.
	A-Code			AWG	mm ²			
03 pins	 1.BN 3.BU 4.BK	3A	50V	24AWG	0.34	PVC, Black	2M	M0803F-2/P00
							5M	M0803F-5/P00
							10M	M0803F-10/P00
04pins	 1.BN 2.WH 3.BU 4.BK	3A	50V	24AWG	0.34	PVC, Black	2M	M0804F-2/P00
							5M	M0804F-5/P00
							10M	M0804F-10/P00

Technische Daten / Specifications		
Standard	IEC 61076-2-104	Standard
Einsatz / Gehäuse	TPU	Insert/ Housing
Überform / Schale	TPU	Overmold/ Shell
Steckerkontakte	Brass with gold plated	Connector contacts
Umgebungstemperatur	-25°C ~ + 80°C	Ambient temperature
Überwurfmutter / Schraube	Brass with nickel plated screw	Coupling nut/screw
Isolations widerstand	≥ 100 MΩ	Insulation resistance
Kontakt widerstand	≤ 5 mΩ	Contacts resistance
Abdichtung	FPM/FKM	Sealing
Abschirmung	Unavailable	Shielding
Schutzart	IP67	Protection class

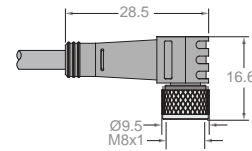
Standard cable length is 2 m/5 m/10 m. Other lengths upon request.

M8 Female Molded Cable,Angled , PVC

M8 A-code

- Connector series M8
- Gender Female
- Mounting type Angled
- Coding A
- Locking type Fix Screw
- Cable jacket P00 (PVC,Black)
- Order No. M08*FA-*/XXX

* refers to coding type
 ** refers to pins number
 XXX refers to cable specification



Contacts	Coding	Current	Voltage	Wire gauge		Cable jacket	Cable length	Order No.
	A-Code			AWG	mm ²			
03 pins	 1.BN 3.BU 4.BK	3A	50V	24AWG	0.34	PVC, Black	2M	M0803FA-2/P00
							5M	M0803FA-5/P00
							10M	M0803FA-10/P00
04pins	 1.BN 2.WH 3.BU 4.BK	3A	50V	24AWG	0.34	PVC, Black	2M	M0804FA-2/P00
							5M	M0804FA-5/P00
							10M	M0804FA-10/P00

Technische Daten / Specifications		
Standard	IEC 61076-2-104	Standard
Einsatz / Gehäuse	TPU	Insert/ Housing
Überform / Schale	TPU	Overmold/ Shell
Steckerkontakte	Brass with gold plated	Connector contacts
Umgebungstemperatur	-25°C ~ + 80°C	Ambient temperature
Überwurfmutter / Schraube	Brass with nickel plated screw	Coupling nut/screw
Isolations widerstand	≥ 100 MΩ	Insulation resistance
Kontakt widerstand	≤ 5 mΩ	Contacts resistance
Abdichtung	FPM/FKM	Sealing
Abschirmung	Unavailable	Shielding
Schutzart	IP67	Protection class

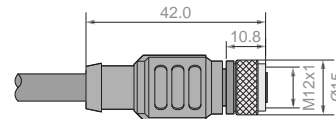
Standard cable length is 2 m/5 m/10 m. Other lengths upon request.

M12 Female Molded Cable, Straight , PVC

M12 A-code

- Connector series M12
- Gender Female
- Mounting type Stright
- Coding A
- Locking type Fix Screw
- Cable jacket P00 (PVC,Black)
- Order No. M12*F-*/XXX

* refers to coding type
 ** refers to pins number
 XXX refers to cable specification



Contacts	Coding	Current	Voltage	Wire gauge		Cable jacket	Cable length	Order No.
	A-Code			AWG	mm ²			
03 pins		4A	250V	22AWG	0.34	PVC, Black	2M	M1203F-2/P00
							5M	M1203F-5/P00
							10M	M1203F-10/P00
04pins		4A	250V	22AWG	0.34	PVC, Black	2M	M1204F-2/P00
							5M	M1204F-5/P00
							10M	M1204F-10/P00
05pins		4A	60V	22AWG	0.34	PVC, Black	2M	M1205F-2/P00
							5M	M1205F-5/P00
							10M	M1205F-10/P00

Technische Daten / Specifications		
Standard	IEC 61076-2-101	Standard
Einsatz / Gehäuse	TPU	Insert/ Housing
Überform / Schale	TPU	Overmold/ Shell
Steckerkontakte	Brass with gold plated	Connector contacts
Umgebungstemperatur	-25°C ~ + 80°C	Ambient temperature
Überwurfmutter / Schraube	Brass with nickel plated screw	Coupling nut/screw
Isolations widerstand	≥100 MΩ	Insulation resistance
Kontakt widerstand	≤ 5 mΩ	Contacts resistance
Abdichtung	FPM/FKM	Sealing
Abschirmung	Unavailable	Shielding
Schutzart	IP67	Protection class

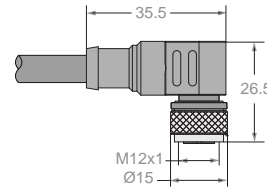
Standard cable length is 2 m/5 m/10 m. Other lengths upon request.

M12 Female Molded Cable,Angled , PVC

M12 A-code

- Connector series M12
- Gender Female
- Mounting type Angled
- Coding A
- Locking type Fix Screw
- Cable jacket P00 (PVC,Black)
- Order No. M12*FA-*/XXX

* refers to coding type
 ** refers to pins number
 XXX refers to cable specification

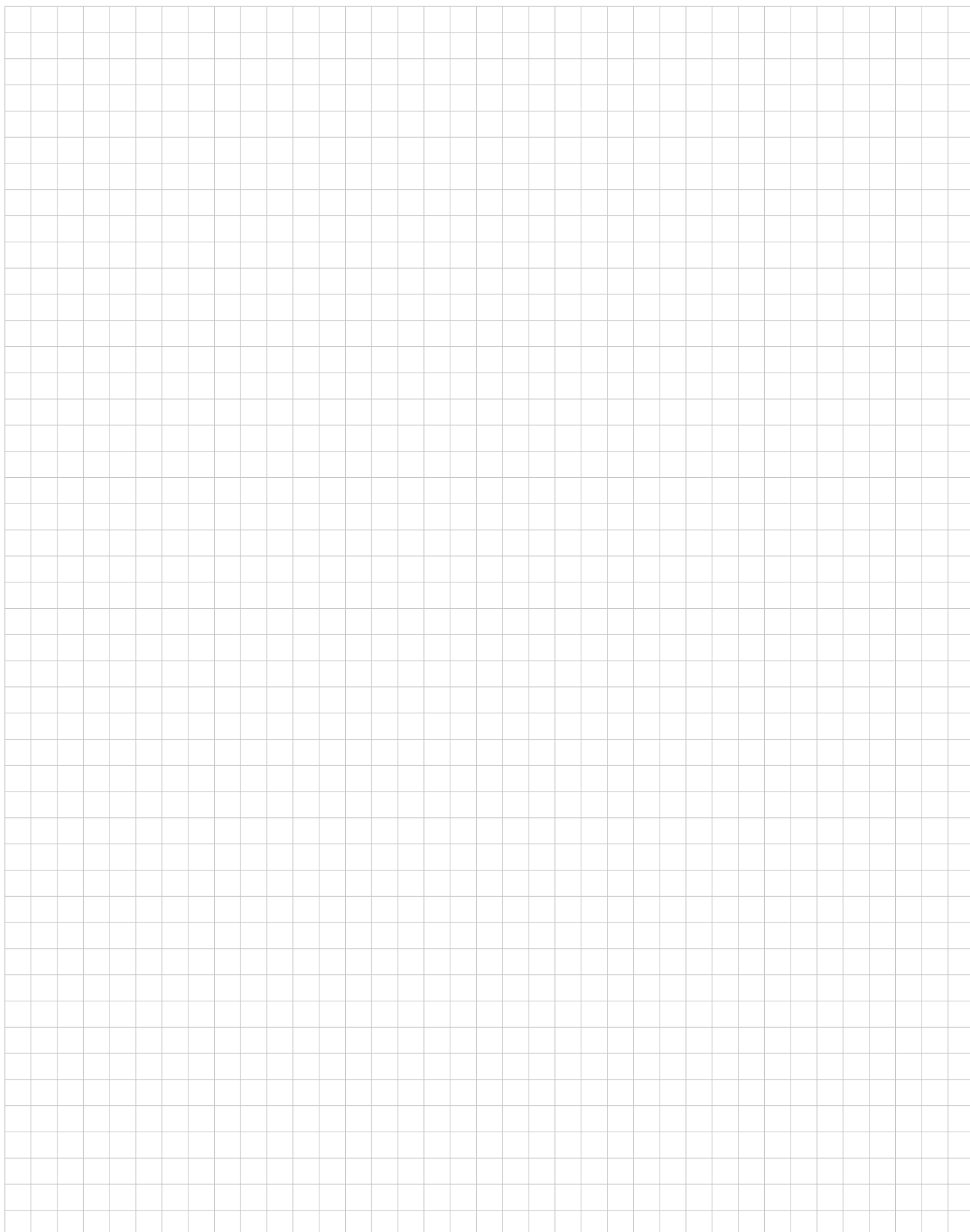


Contacts	Coding	Current	Voltage	Wire gauge		Cable jacket	Cable length	Order No.
	A-Code			AWG	mm ²			
03 pins	 1.BN 2.N/C 3.BU 4.BK	4A	250V	22AWG	0.34	PVC, Black	2M	M1203FA-2/P00
							5M	M1203FA-5/P00
							10M	M1203FA-10/P00
04pins	 1.BN 2.WH 3.BU 4.BK	4A	250V	22AWG	0.34	PVC, Black	2M	M1204FA-2/P00
							5M	M1204FA-5/P00
							10M	M1204FA-10/P00
05pins	 1.BN 2.WH 3.BU 4.BK 5.GY	4A	60V	22AWG	0.34	PVC, Black	2M	M1205FA-2/P00
							5M	M1205FA-5/P00
							10M	M1205FA-10/P00

Technische Daten / Specifications		
Standard	IEC 61076-2-101	Standard
Einsatz / Gehäuse	TPU	Insert/ Housing
Überform / Schale	TPU	Overmold/ Shell
Steckerkontakte	Brass with gold plated	Connector contacts
Umgebungstemperatur	-25°C ~ + 80°C	Ambient temperature
Überwurfmutter / Schraube	Brass with nickel plated screw	Coupling nut/screw
Isolations widerstand	≥ 100 MΩ	Insulation resistance
Kontakt widerstand	≤ 5 mΩ	Contacts resistance
Abdichtung	FPM/FKM	Sealing
Abschirmung	Unavailable	Shielding
Schutzart	IP67	Protection class

Standard cable length is 2 m/5 m/10 m. Other lengths upon request.

NOTES





KRONZ Electronic GmbH

Wendelsweg, 60599 Frankfurt am Main, Germany

info@kronz-electronic.com

