

Benefits:

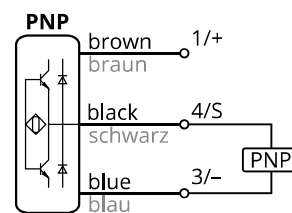
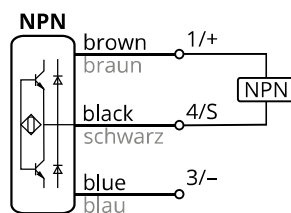
- ▶ Pressure proof up to 1000 bar (14503 psi)
- ▶ Stainless steel housing (SS304)
- ▶ Sensing face made of stainless steel or ceramic
- ▶ Optional LED switching indicator simplifies the mechanical setup

Vorteile:

- ▶ Hochdruckfest bis zu 1000 bar (14503 psi)
- ▶ Edelstahlgehäuse (V2A)
- ▶ Sensorfläche aus Keramik oder Edelstahl
- ▶ Optionale LED-Schaltanzeige vereinfacht die mechanische Einrichtung

Data sheets are available on
<http://xecro.com>.

Datenblätter sind auf
<http://xecro.com> verfügbar.



All devices of this section may not be used if the safety of persons rely on their faultless function!

Alle Geräte dieses Abschnittes dürfen nicht verwendet werden, wenn die Sicherheit von Personen von deren fehlerlosen Funktion abhängt!



Inductive Sensors 3-Wire DC High Pressure Proof

Precise position sensing operating under high pressure requires well-constructed sensors. XECRO fulfills these requirements with the wide range of High Pressure Series sensors produced with two specialized techniques. These techniques result in a permanent pressure-resistant level of up to 1000 bar (14503 psi).

Sensors for pressures of up to 500 bar (7251 psi), utilize traditional ceramic sealing to separate both the ferrite-coil combination and the evaluation electronics from the pressure-facing section of the housing. To achieve outstanding pressure durability, XECRO manufactures select High Pressure Sensors with Metal-Face housings which means that the housing consists of one continuous piece of stainless steel including the sensing face. These full-metal constructions offer excellent peak-pressure immunity and survive even under the harshest environments.

Most sensors of the High Pressure Series from XECRO are available with a built-in LED switching indicator to simplify the mechanical set-up.

Die präzise Positionsbestimmung unter Hochdruck erfordert gut konstruierte Sensoren. XECRO erfüllt diese Anforderungen mit einer großen Auswahl an hochdruckfesten Sensoren, die auf zwei unterschiedlichen Techniken basieren. Diese Produktionsverfahren ergeben eine dauerhafte Druckfestigkeit bis zu 1000 bar (14503 psi).

Sensoren mit einer Druckfestigkeit bis zu 500 bar basieren auf einer üblichen Keramikdichtplatte, um die Spulen-Ferrit-Kombination und die Elektronik von der Druckseite zu trennen. Um eine außergewöhnliche Widerstandsfähigkeit bei hohen Drücken zu erreichen, fertigt XECRO einige Sensoren mit Vollmetallgehäusen, so dass der Sensor aus einem durchgehenden Edelstahlgehäuse einschließlich der Sensorfläche besteht. Diese Konstruktion bietet ausgezeichnete Eigenschaften bei wechselnden Belastungen und besteht auch unter den härtesten Bedingungen.

Zur Erleichterung der Montage sind nahezu alle druckfesten Sensoren von XECRO mit einer LED-Schaltanzeige erhältlich.

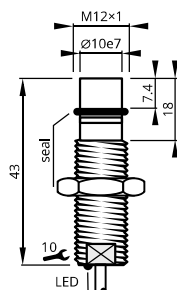
Inductive Proximity Switch 3-Wire DC High Pressure Proof

Induktive Näherungsschalter 3-Leiter DC Hochdruckfest

shielded
bündig
M12×1 | 1.5 mm



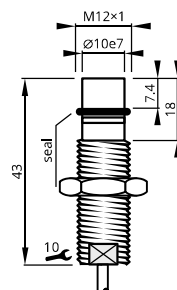
500 bar · 7251 psi



shielded
bündig
M12×1 | 1.5 mm



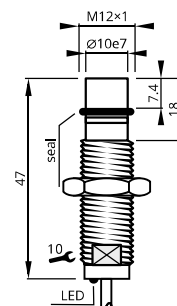
500 bar · 7251 psi



shielded
bündig
M12×1 | 1.5 mm



500 bar · 7251 psi



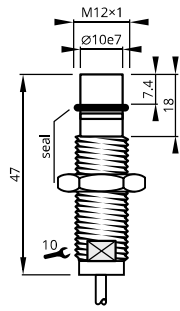
Sensing distance S_n	Schaltabstand S_n	1.5 mm		1.5 mm		1.5 mm	
Operating voltage	Betriebsspannung	10...30 V _{DC}		10...30 V _{DC}		10...30 V _{DC}	
Reverse polarity protection	Verpolungsschutz	built-in	integriert	built-in	integriert	built-in	integriert
Current consumption	Stromverbrauch	<8 mA		<8 mA		<8 mA	
Current load capability	Ausgangsbelastbarkeit	200 mA		200 mA		200 mA	
Short circuit protection	Kurzschlussschutz	built-in	integriert	built-in	integriert	built-in	integriert
Voltage drop	Spannungsabfall	<1.5 V @ 200 mA		<1.5 V @ 200 mA		<1.5 V @ 200 mA	
Switching frequency	Schaltfrequenz	1000 Hz		1000 Hz		1000 Hz	
Correction factors	Korrekturfaktoren	Alu 0.45 · Brs 0.50 · SS 0.85		Alu 0.45 · Brs 0.50 · SS 0.85		Alu 0.45 · Brs 0.50 · SS 0.85	
Operating temperature	Betriebstemperatur	-25...+70 °C		-25...+70 °C		-25...+70 °C	
Protection class	Schutzklasse	IP 69k, IP 67		IP 69k, IP 67		IP 69k, IP 67	
Sensing face material	Sensorflächenwerkstoff	ceramic	Keramik	ceramic	Keramik	ceramic	Keramik
Housing material	Gehäusewerkstoff	SS304	V2A	SS304	V2A	SS304	V2A
Switching indicator	Schaltanzeige	built-in	integriert			built-in	integriert
Connection	Anschluss	PVC, ultra-flex		PVC, ultra-flex		PVC, ultra-flex	
Article code PNP, NO	↗	IHP12-S1.5PO43-A2P		IHP12-S1.5PO43-N2P		IHP12-S1.5PO47-A2P	
Article code PNP, NC	↘	IHP12-S1.5PC43-A2P		IHP12-S1.5PC43-N2P		IHP12-S1.5PC47-A2P	
Article code NPN, NO	↗	IHP12-S1.5NO43-A2P		IHP12-S1.5NO43-N2P		IHP12-S1.5NO47-A2P	
Article code NPN, NC	↘	IHP12-S1.5NC43-A2P		IHP12-S1.5NC43-N2P		IHP12-S1.5NC47-A2P	

Mind O ≠ 0, I ≠ I ≠ 1, S ≠ 5, B ≠ 8. O ≠ 0, I ≠ I ≠ 1, S ≠ 5, B ≠ 8 beachten.

shielded
bündig
M12×1 | 1.5 mm



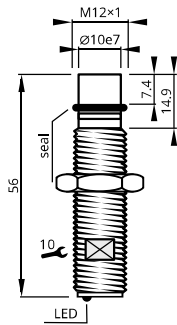
500 bar · 7251 psi



shielded
bündig
M12×1 | 1.5 mm



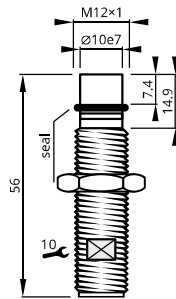
500 bar · 7251 psi



shielded
bündig
M12×1 | 1.5 mm



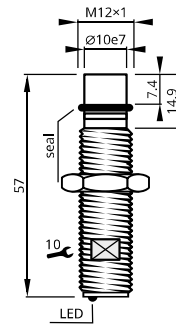
500 bar · 7251 psi



shielded
bündig
M12×1 | 1.5 mm



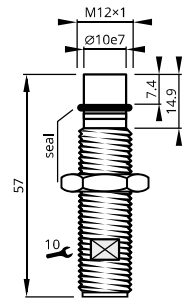
500 bar · 7251 psi



shielded
bündig
M12×1 | 1.5 mm



500 bar · 7251 psi



1.5 mm		1.5 mm		1.5 mm		1.5 mm		1.5 mm	
10...30 V _{DC}		10...30 V _{DC}		10...30 V _{DC}		10...30 V _{DC}		10...30 V _{DC}	
built-in	integriert	built-in	integriert	built-in	integriert	built-in	integriert	built-in	integriert
<8 mA		<8 mA		<8 mA		<8 mA		<8 mA	
200 mA		200 mA		200 mA		200 mA		200 mA	
built-in	integriert	built-in	integriert	built-in	integriert	built-in	integriert	built-in	integriert
<1.5 V @ 200 mA		<1.5 V @ 200 mA		<1.5 V @ 200 mA		<1.5 V @ 200 mA		<1.5 V @ 200 mA	
1000 Hz		1000 Hz		1000 Hz		1000 Hz		1000 Hz	
Alu 0.45 · Brs 0.50 · SS 0.85		Alu 0.45 · Brs 0.50 · SS 0.85		Alu 0.45 · Brs 0.50 · SS 0.85		Alu 0.45 · Brs 0.50 · SS 0.85		Alu 0.45 · Brs 0.50 · SS 0.85	
-25...+70 °C		-25...+70 °C		-25...+70 °C		-25...+70 °C		-25...+70 °C	
IP 69k, IP 67		IP 69k, IP 67		IP 69k, IP 67		IP 69k, IP 67		IP 69k, IP 67	
ceramic	Keramik	ceramic	Keramik	ceramic	Keramik	ceramic	Keramik	ceramic	Keramik
SS304	V2A	SS304	V2A	SS304	V2A	SS304	V2A	SS304	V2A
		built-in	integriert			built-in	integriert		
PVC, ultra-flex		conn. M12 M12-Stecker		conn. M12 M12-Stecker		conn. M12 M12-Stecker		conn. M12 M12-Stecker	
IHP12-S1.5PO47-N2P		IHP12-S1.5PO56-A12		IHP12-S1.5PO56-N12		IHP12-S1.5PO57-A12		IHP12-S1.5PO57-N12	
IHP12-S1.5PC47-N2P		IHP12-S1.5PC56-A12		IHP12-S1.5PC56-N12		IHP12-S1.5PC57-A12		IHP12-S1.5PC57-N12	
IHP12-S1.5NO47-N2P		IHP12-S1.5NO56-A12		IHP12-S1.5NO56-N12		IHP12-S1.5NO57-A12		IHP12-S1.5NO57-N12	
IHP12-S1.5NC47-N2P		IHP12-S1.5NC56-A12		IHP12-S1.5NC56-N12		IHP12-S1.5NC57-A12		IHP12-S1.5NC57-N12	

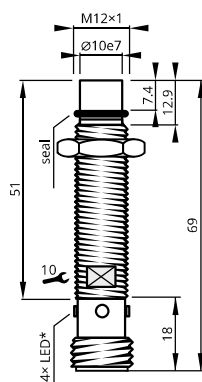
Inductive Proximity Switch 3-Wire DC High Pressure Proof

Induktive Näherungsschalter 3-Leiter DC Hochdruckfest

shielded
bündig
M12×1 | 1.5 mm



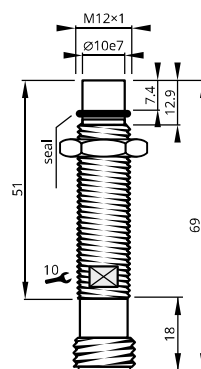
500 bar · 7251 psi



shielded
bündig
M12×1 | 1.5 mm



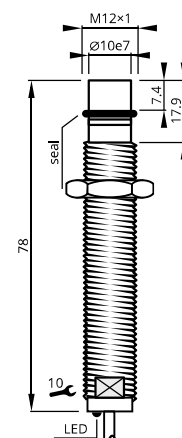
500 bar · 7251 psi



shielded
bündig
M12×1 | 1.5 mm



500 bar · 7251 psi



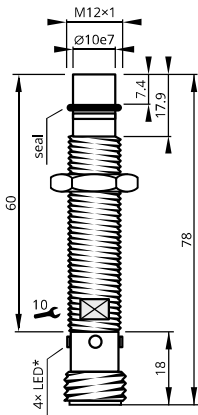
Sensing distance S_n	Schaltabstand S_n	1.5 mm		1.5 mm		1.5 mm	
Operating voltage	Betriebsspannung	10...30 V _{DC}		10...30 V _{DC}		10...30 V _{DC}	
Reverse polarity protection	Verpolungsschutz	built-in	integriert	built-in	integriert	built-in	integriert
Current consumption	Stromverbrauch	<8 mA		<8 mA		<8 mA	
Current load capability	Ausgangsbelastbarkeit	200 mA		200 mA		200 mA	
Short circuit protection	Kurzschlussschutz	built-in	integriert	built-in	integriert	built-in	integriert
Voltage drop	Spannungsabfall	<1.5 V @ 200 mA		<1.5 V @ 200 mA		<1.5 V @ 200 mA	
Switching frequency	Schaltfrequenz	1000 Hz		1000 Hz		1000 Hz	
Correction factors	Korrekturfaktoren	Alu 0.45 · Brs 0.50 · SS 0.85		Alu 0.45 · Brs 0.50 · SS 0.85		Alu 0.45 · Brs 0.50 · SS 0.85	
Operating temperature	Betriebstemperatur	-25...+70 °C		-25...+70 °C		-25...+70 °C	
Protection class	Schutzklasse	IP 69k, IP 67		IP 69k, IP 67		IP 69k, IP 67	
Sensing face material	Sensorflächenwerkstoff	ceramic	Keramik	ceramic	Keramik	ceramic	Keramik
Housing material	Gehäusewerkstoff	SS304	V2A	SS304	V2A	SS304	V2A
Switching indicator	Schaltanzeige	built-in	integriert			built-in	integriert
Connection	Anschluss	conn. M12	M12-Stecker	conn. M12	M12-Stecker	PVC, ultra-flex	
Article code PNP, NO	↗	IHP12-S1.5PO69-A12		IHP12-S1.5PO69-N12		IHP12-S1.5PO78-A2P	
Article code PNP, NC	↘	IHP12-S1.5PC69-A12		IHP12-S1.5PC69-N12		IHP12-S1.5PC78-A2P	
Article code NPN, NO	↗	IHP12-S1.5NO69-A12		IHP12-S1.5NO69-N12		IHP12-S1.5NO78-A2P	
Article code NPN, NC	↘	IHP12-S1.5NC69-A12		IHP12-S1.5NC69-N12		IHP12-S1.5NC78-A2P	

Mind O ≠ 0, I ≠ I ≠ 1, S ≠ 5, B ≠ 8. O ≠ 0, I ≠ I ≠ 1, S ≠ 5, B ≠ 8 beachten.

shielded
bündig
M12×1 | 1.5 mm



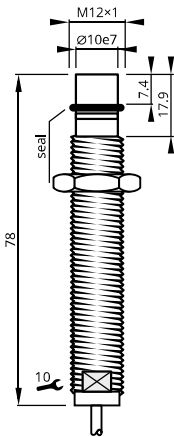
500 bar · 7251 psi



shielded
bündig
M12×1 | 1.5 mm



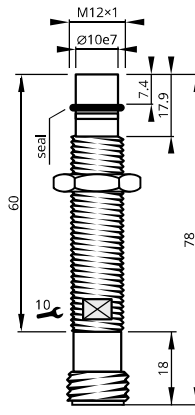
500 bar · 7251 psi



shielded
bündig
M12×1 | 1.5 mm



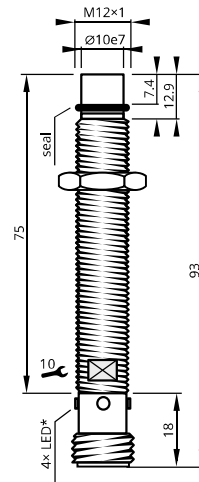
500 bar · 7251 psi



shielded
bündig
M12×1 | 1.5 mm



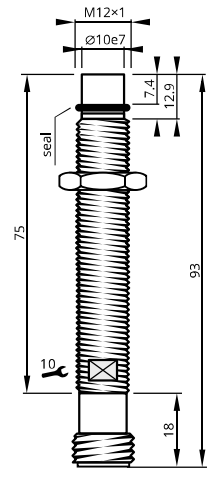
500 bar · 7251 psi



shielded
bündig
M12×1 | 1.5 mm



500 bar · 7251 psi



1.5 mm		1.5 mm		1.5 mm		1.5 mm		1.5 mm	
10...30 V _{DC}		10...30 V _{DC}		10...30 V _{DC}		10...30 V _{DC}		10...30 V _{DC}	
built-in	integriert	built-in	integriert	built-in	integriert	built-in	integriert	built-in	integriert
<8 mA		<8 mA		<8 mA		<8 mA		<8 mA	
200 mA		200 mA		200 mA		200 mA		200 mA	
built-in	integriert	built-in	integriert	built-in	integriert	built-in	integriert	built-in	integriert
<1.5 V @ 200 mA		<1.5 V @ 200 mA		<1.5 V @ 200 mA		<1.5 V @ 200 mA		<1.5 V @ 200 mA	
1000 Hz		1000 Hz		1000 Hz		1000 Hz		1000 Hz	
Alu 0.45 · Brs 0.50 · SS 0.85		Alu 0.45 · Brs 0.50 · SS 0.85		Alu 0.45 · Brs 0.50 · SS 0.85		Alu 0.45 · Brs 0.50 · SS 0.85		Alu 0.45 · Brs 0.50 · SS 0.85	
-25...+70 °C		-25...+70 °C		-25...+70 °C		-25...+70 °C		-25...+70 °C	
IP 69k, IP 67		IP 69k, IP 67		IP 69k, IP 67		IP 69k, IP 67		IP 69k, IP 67	
ceramic	Keramik	ceramic	Keramik	ceramic	Keramik	ceramic	Keramik	ceramic	Keramik
SS304	V2A	SS304	V2A	SS304	V2A	SS304	V2A	SS304	V2A
built-in	integriert					built-in	integriert		
conn. M12	M12-Stecker	PVC, ultra-flex		conn. M12	M12-Stecker	conn. M12	M12-Stecker	conn. M12	M12-Stecker
IHP12-S1.5PO78-A12		IHP12-S1.5PO78-N2P		IHP12-S1.5PO78-N12		IHP12-S1.5PO93-A12		IHP12-S1.5PO93-N12	
IHP12-S1.5PC78-A12		IHP12-S1.5PC78-N2P		IHP12-S1.5PC78-N12		IHP12-S1.5PC93-A12		IHP12-S1.5PC93-N12	
IHP12-S1.5NO78-A12		IHP12-S1.5NO78-N2P		IHP12-S1.5NO78-N12		IHP12-S1.5NO93-A12		IHP12-S1.5NO93-N12	
IHP12-S1.5NC78-A12		IHP12-S1.5NC78-N2P		IHP12-S1.5NC78-N12		IHP12-S1.5NC93-A12		IHP12-S1.5NC93-N12	

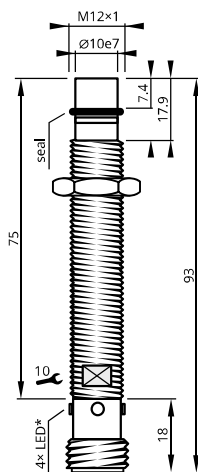
Inductive Proximity Switch 3-Wire DC High Pressure Proof

Induktive Näherungsschalter 3-Leiter DC Hochdruckfest

shielded
bündig
M12×1 | 1.5 mm



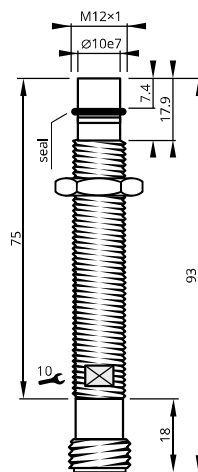
500 bar · 7251 psi



shielded
bündig
M12×1 | 1.5 mm



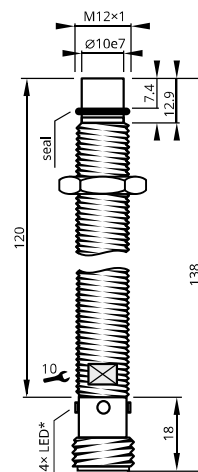
500 bar · 7251 psi



shielded
bündig
M12×1 | 1.5 mm



500 bar · 7251 psi



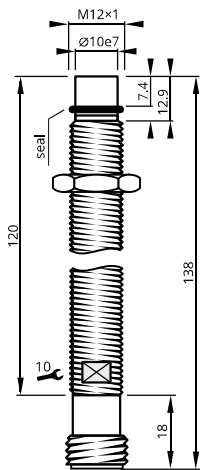
Sensing distance S_n	Schaltabstand S_n	1.5 mm		1.5 mm		1.5 mm	
Operating voltage	Betriebsspannung	10...30 V _{DC}		10...30 V _{DC}		10...30 V _{DC}	
Reverse polarity protection	Verpolungsschutz	built-in	integriert	built-in	integriert	built-in	integriert
Current consumption	Stromverbrauch	<8 mA		<8 mA		<8 mA	
Current load capability	Ausgangsbelastbarkeit	200 mA		200 mA		200 mA	
Short circuit protection	Kurzschlussschutz	built-in	integriert	built-in	integriert	built-in	integriert
Voltage drop	Spannungsabfall	<1.5 V @ 200 mA		<1.5 V @ 200 mA		<1.5 V @ 200 mA	
Switching frequency	Schaltfrequenz	1000 Hz		1000 Hz		1000 Hz	
Correction factors	Korrekturfaktoren	Alu 0.45 · Brs 0.50 · SS 0.85		Alu 0.45 · Brs 0.50 · SS 0.85		Alu 0.45 · Brs 0.50 · SS 0.85	
Operating temperature	Betriebstemperatur	-25...+70 °C		-25...+70 °C		-25...+70 °C	
Protection class	Schutzklasse	IP 69k, IP 67		IP 69k, IP 67		IP 69k, IP 67	
Sensing face material	Sensorflächenwerkstoff	ceramic	Keramik	ceramic	Keramik	ceramic	Keramik
Housing material	Gehäusewerkstoff	SS304	V2A	SS304	V2A	SS304	V2A
Switching indicator	Schaltanzeige	built-in	integriert			built-in	integriert
Connection	Anschluss	conn. M12	M12-Stecker	conn. M12	M12-Stecker	conn. M12	M12-Stecker
Article code PNP, NO	↘	IHP12-S1.5PO94-A12		IHP12-S1.5PO94-N12		IHP12-S1.5PO138-A12	
Article code PNP, NC	↗	IHP12-S1.5PC94-A12		IHP12-S1.5PC94-N12		IHP12-S1.5PC138-A12	
Article code NPN, NO	↘	IHP12-S1.5NO94-A12		IHP12-S1.5NO94-N12		IHP12-S1.5NO138-A12	
Article code NPN, NC	↗	IHP12-S1.5NC94-A12		IHP12-S1.5NC94-N12		IHP12-S1.5NC138-A12	

Mind O ≠ 0, I ≠ 1, S ≠ 5, B ≠ 8. O ≠ 0, I ≠ 1, S ≠ 5, B ≠ 8 beachten.

shielded
bündig
M12×1 | 1.5 mm



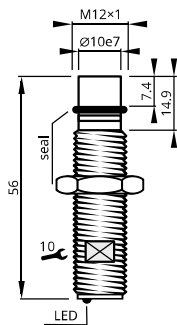
500 bar · 7251 psi



shielded
bündig
M12×1 | 2 mm



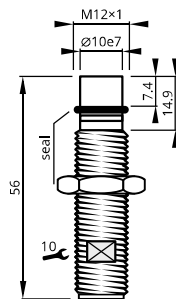
500 bar · 7251 psi



shielded
bündig
M12×1 | 2 mm



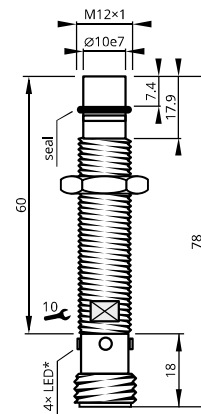
500 bar · 7251 psi



shielded
bündig
M12×1 | 2 mm



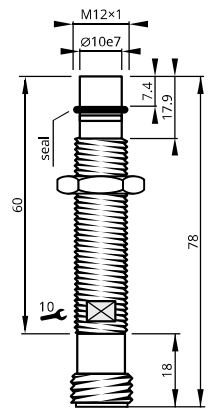
500 bar · 7251 psi



shielded
bündig
M12×1 | 2 mm



500 bar · 7251 psi



1.5 mm		2 mm		2 mm		2 mm		2 mm	
10...30 V _{DC}		10...30 V _{DC}		10...30 V _{DC}		10...30 V _{DC}		10...30 V _{DC}	
built-in	integriert	built-in	integriert	built-in	integriert	built-in	integriert	built-in	integriert
<8 mA		<8 mA		<8 mA		<8 mA		<8 mA	
200 mA		200 mA		200 mA		200 mA		200 mA	
built-in	integriert	built-in	integriert	built-in	integriert	built-in	integriert	built-in	integriert
<1.5 V @ 200 mA		<1.5 V @ 200 mA		<1.5 V @ 200 mA		<1.5 V @ 200 mA		<1.5 V @ 200 mA	
1000 Hz		1000 Hz		1000 Hz		1000 Hz		1000 Hz	
Alu 0.45 · Brs 0.50 · SS 0.85		Alu 0.45 · Brs 0.50 · SS 0.85		Alu 0.45 · Brs 0.50 · SS 0.85		Alu 0.45 · Brs 0.50 · SS 0.85		Alu 0.45 · Brs 0.50 · SS 0.85	
-25...+70 °C		-25...+70 °C		-25...+70 °C		-25...+70 °C		-25...+70 °C	
IP 69k, IP 67		IP 69k, IP 67		IP 69k, IP 67		IP 69k, IP 67		IP 69k, IP 67	
ceramic	Keramik	ceramic	Keramik	ceramic	Keramik	ceramic	Keramik	ceramic	Keramik
SS304	V2A	SS304	V2A	SS304	V2A	SS304	V2A	SS304	V2A
		built-in	integriert			built-in	integriert		
conn. M12	M12-Stecker	conn. M12	M12-Stecker	conn. M12	M12-Stecker	conn. M12	M12-Stecker	conn. M12	M12-Stecker
IHP12-S1.5PO138-N12		IHP12-S2PO56-A12		IHP12-S2PO56-N12		IHP12-S2PO78-A12		IHP12-S2PO78-N12	
IHP12-S1.5PC138-N12		IHP12-S2PC56-A12		IHP12-S2PC56-N12		IHP12-S2PC78-A12		IHP12-S2PC78-N12	
IHP12-S1.5NO138-N12		IHP12-S2NO56-A12		IHP12-S2NO56-N12		IHP12-S2NO78-A12		IHP12-S2NO78-N12	
IHP12-S1.5NC138-N12		IHP12-S2NC56-A12		IHP12-S2NC56-N12		IHP12-S2NC78-A12		IHP12-S2NC78-N12	

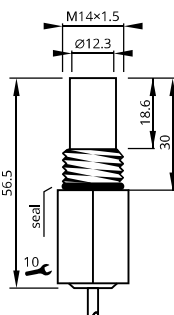
Inductive Proximity Switch 3-Wire DC High Pressure Proof

Induktive Näherungsschalter 3-Leiter DC Hochdruckfest

shielded
bündig
M14×1.5 | 3 mm



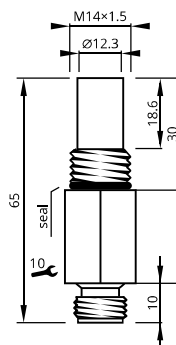
500 bar · 7251 psi



shielded
bündig
M14×1.5 | 3 mm



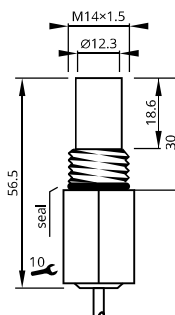
500 bar · 7251 psi



shielded
bündig
M14×1.5 | 3 mm



1000 bar · 14503 psi



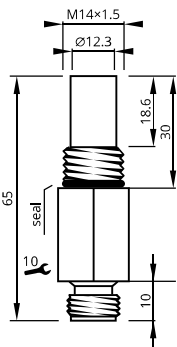
Sensing distance S_n	Schaltabstand S_n	3 mm		3 mm		3 mm	
Operating voltage	Betriebsspannung	10...30 V _{DC}		10...30 V _{DC}		10...30 V _{DC}	
Reverse polarity protection	Verpolungsschutz	built-in	integriert	built-in	integriert	built-in	integriert
Current consumption	Stromverbrauch	<8 mA		<8 mA		<8 mA	
Current load capability	Ausgangsbelastbarkeit	200 mA		200 mA		200 mA	
Short circuit protection	Kurzschlussschutz	built-in	integriert	built-in	integriert	built-in	integriert
Voltage drop	Spannungsabfall	<1.5 V @ 200 mA		<1.5 V @ 200 mA		<1.5 V @ 200 mA	
Switching frequency	Schaltfrequenz	1000 Hz		1000 Hz		500 Hz	
Correction factors	Korrekturfaktoren	Alu 0.45 · Brs 0.50 · SS 0.85		Alu 0.45 · Brs 0.50 · SS 0.85		Alu 0.45 · Brs 0.50 · SS 0.85	
Operating temperature	Betriebstemperatur	-25...+70 °C		-25...+70 °C		-25...+70 °C	
Protection class	Schutzklasse	IP 69k, IP 67		IP 69k, IP 67		IP 69k, IP 67	
Sensing face material	Sensorflächenwerkstoff	ceramic	Keramik	ceramic	Keramik	SS304	V2A
Housing material	Gehäusewerkstoff	SS304	V2A	SS304	V2A	SS304	V2A
Switching indicator	Schaltanzeige						
Connection	Anschluss	PVC, ultraflex		conn. M12	M12-Stecker	PVC, ultraflex	
Article code PNP, NO	↗	IHP14-S3PO56-N2P		IHP14-S3PO65-N12		IHP14-S3PO56S-N2P	
Article code PNP, NC	↘	IHP14-S3PC56-N2P		IHP14-S3PC65-N12		IHP14-S3PC56S-N2P	
Article code NPN, NO	↗	IHP14-S3NO56-N2P		IHP14-S3NO65-N12		IHP14-S3NO56S-N2P	
Article code NPN, NC	↘	IHP14-S3NC56-N2P		IHP14-S3NC65-N12		IHP14-S3NC56S-N2P	

Mind O ≠ 0, I ≠ I ≠ 1, S ≠ 5, B ≠ 8. O ≠ 0, I ≠ I ≠ 1, S ≠ 5, B ≠ 8 beachten.

shielded
bündig
M14×1.5 | 3 mm



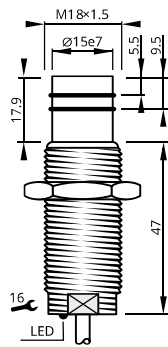
1000 bar · 14503 psi



shielded
bündig
M14×1.5 | 3 mm



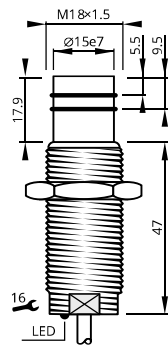
1000 bar · 14503 psi



shielded
bündig
M14×1.5 | 3 mm



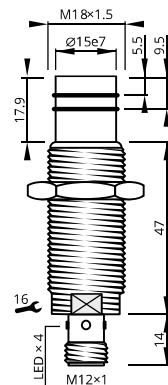
1000 bar · 14503 psi



shielded
bündig
M14×1.5 | 3 mm



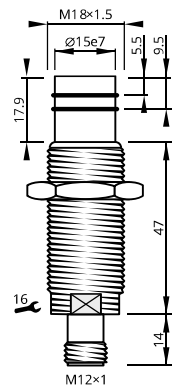
1000 bar · 14503 psi



shielded
bündig
M14×1.5 | 3 mm



1000 bar · 14503 psi



3 mm		3 mm		3 mm		3 mm		3 mm	
10...30 V _{DC}		10...30 V _{DC}		10...30 V _{DC}		10...30 V _{DC}		10...30 V _{DC}	
built-in	integriert	built-in	integriert	built-in	integriert	built-in	integriert	built-in	integriert
<8 mA		<8 mA		<8 mA		<8 mA		<8 mA	
200 mA		200 mA		200 mA		200 mA		200 mA	
built-in	integriert	built-in	integriert	built-in	integriert	built-in	integriert	built-in	integriert
<1.5 V @ 200 mA		<1.5 V @ 200 mA		<1.5 V @ 200 mA		<1.5 V @ 200 mA		<1.5 V @ 200 mA	
500 Hz		1000 Hz		1000 Hz		1000 Hz		1000 Hz	
Alu 0.45 · Brs 0.50 · SS 0.85		Alu 0.45 · Brs 0.50 · SS 0.85		Alu 0.45 · Brs 0.50 · SS 0.85		Alu 0.45 · Brs 0.50 · SS 0.85		Alu 0.45 · Brs 0.50 · SS 0.85	
-25...+70 °C		-25...+70 °C		-25...+70 °C		-25...+70 °C		-25...+70 °C	
IP 69k, IP 67		IP 69k, IP 67		IP 69k, IP 67		IP 69k, IP 67		IP 69k, IP 67	
SS304	V2A	ceramic	Keramik	ceramic	Keramik	ceramic	Keramik	ceramic	Keramik
SS304	V2A	SS304	V2A	SS304	V2A	SS304	V2A	SS304	V2A
		built-in	integriert			built-in	integriert		
conn. M12	M12-Stecker	conn. M12	M12-Stecker	conn. M12	M12-Stecker	conn. M12	M12-Stecker	conn. M12	M12-Stecker
IHP14-S3PO65S-N12		IHP18-S3PO65S-A2P		IHP18-S3PO65S-N2P		IHP18-S3PO79S-A12		IHP18-S3PO79S-N12	
IHP14-S3PC65S-N12		IHP18-S3PC65S-A2P		IHP18-S3PC65S-N2P		IHP18-S3PC79S-A12		IHP18-S3PC79S-N12	
IHP14-S3NO65S-N12		IHP18-S3NO65S-A2P		IHP18-S3NO65S-N2P		IHP18-S3NO79S-A12		IHP18-S3NO79S-N12	
IHP14-S3NC65S-N12		IHP18-S3NC65S-A2P		IHP18-S3NC65S-N2P		IHP18-S3NC79S-A12		IHP18-S3NC79S-N12	