

3-Wire High Pressure 3-Leiter Druckfest

shielded
bündig
M12x1 | 1.5 mm



standard
500 bar · 7251 psi

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M12x1 | 1.5 mm

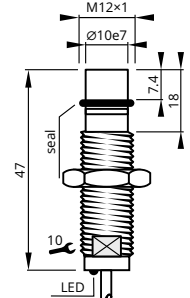
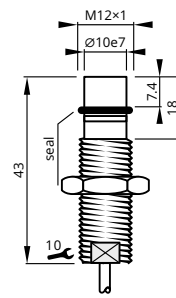
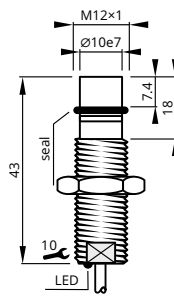


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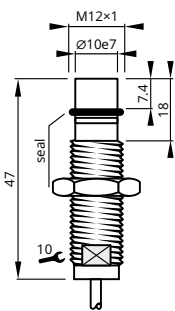


Sensing Distance	Schaltabstand	1.5 mm	1.5 mm	1.5 mm
Max. Pressure	Druckbelastbarkeit	500 bar · 7251 psi	500 bar · 7251 psi	500 bar · 7251 psi
Housing Size	Gehäusegröße	M12x1	M12x1	M12x1
Operating Voltage	Betriebsspannung	10...30 V _{DC}	10...30 V _{DC}	10...30 V _{DC}
Reverse Polarity Protection	Verpolungsschutz	built-in integriert	built-in integriert	built-in integriert
Current Consumption	Stromverbrauch	<8 mA	<8 mA	<8 mA
Current Load Capability	Ausgangsbelaubarkeit	200 mA	200 mA	200 mA
Short Circuit Protection	Kurzschlusschutz	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 Factor	Korrekturfaktor	Alu 0.45 · Brs 0.50 · VA 0.85	Alu 0.45 · Brs 0.50 · VA 0.85	Alu 0.45 · Brs 0.50 · VA 0.85
Repeatability	Wiederholgenauigkeit	<3 %	<3 %	<3 %
Hysteresis	Hysterese	3...15 %	3...15 %	3...15 %
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	Sensorfläche	ceramic Keramik	ceramic Keramik	ceramic Keramik
Housing Material	Gehäusewerkstoff	SS303 Edelstahl	SS303 Edelstahl	SS303 Edelstahl
Connection	Anschluss	PVC, ultra-flex	PVC, ultra-flex	PVC, ultra-flex
Switching Indicator	Schaltanzeige	built-in integriert		built-in integriert
Article Code PNP, NO	—/—	IHD12S1.5PO43-A2P	IHD12S1.5PO43-N2P	IHD12S1.5PO47-A2P
Article Code PNP, NC	—/—	IHD12S1.5PC43-A2P	IHD12S1.5PC43-N2P	IHD12S1.5PC47-A2P
Article Code NPN, NO	—/—	IHD12S1.5NO43-A2P	IHD12S1.5NO43-N2P	IHD12S1.5NO47-A2P
Article Code NPN, NC	—/—	IHD12S1.5NC43-A2P	IHD12S1.5NC43-N2P	IHD12S1.5NC47-A2P

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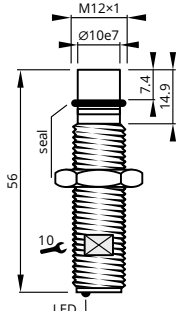
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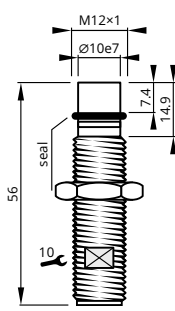
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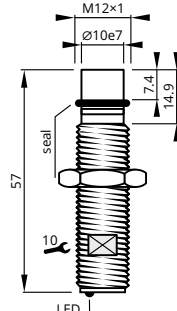
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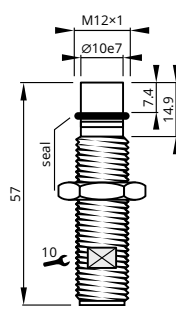
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1.5 mm	1.5 mm	1.5 mm	1.5 mm	1.5 mm
500 bar · 7251 psi	500 bar · 7251 psi	500 bar · 7251 psi	500 bar · 7251 psi	500 bar · 7251 psi
M12×1	M12×1	M12×1	M12×1	M12×1
10...30 V _{DC}	10...30 V _{DC}	10...30 V _{DC}	10...30 V _{DC}	10...30 V _{DC}
built-in 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 · VA 0.85	Alu 0.45 · Brs 0.50 · VA 0.85	Alu 0.45 · Brs 0.50 · VA 0.85	Alu 0.45 · Brs 0.50 · VA 0.85	Alu 0.45 · Brs 0.50 · VA 0.85
<3 %	<3 %	<3 %	<3 %	<3 %
3...15 %	3...15 %	3...15 %	3...15 %	3...15 %
-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
SS303 Edelstahl	SS303 Edelstahl	SS303 Edelstahl	SS303 Edelstahl	SS303 Edelstahl
PVC, ultra-flex	conn. M12 Stecker M12	conn. M12 Stecker M12	conn. M12 Stecker M12	conn. M12 Stecker M12
	built-in integriert		built-in integriert	
IHD12S1.5PO47-N2P	IHD12S1.5PO56-M12	IHD12S1.5PO56-N12	IHD12S1.5PO57-M12	IHD12S1.5PO57-N12
IHD12S1.5PC47-N2P	IHD12S1.5PC56-M12	IHD12S1.5PC56-N12	IHD12S1.5PC57-M12	IHD12S1.5PC57-N12
IHD12S1.5NO47-N2P	IHD12S1.5NO56-M12	IHD12S1.5NO56-N12	IHD12S1.5NO57-M12	IHD12S1.5NO57-N12
IHD12S1.5NC47-N2P	IHD12S1.5NC56-M12	IHD12S1.5NC56-N12	IHD12S1.5NC57-M12	IHD12S1.5NC57-N12

Minor changes possible
Geringfügige Änderungen möglich