

Inductive Proximity Switch
2-Wire Direct Current

Induktive Näherungsschalter
2-Leiter Gleichstrom

shielded
bündig
M12 × 1 | 2 mm



shielded
bündig
M12 × 1 | 2 mm



shielded
bündig
M12 × 1 | 4 mm



shielded
bündig
M12 × 1 | 4 mm



unshielded
nicht bündig
M12 × 1 | 4 mm



unshielded
nicht bündig
M12 × 1 | 4 mm



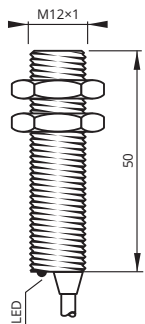
shielded
bündig
M12 × 1 | 8 mm



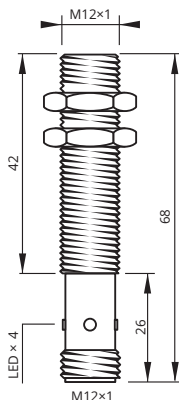
unshielded
nicht bündig
M12 × 1 | 8 mm



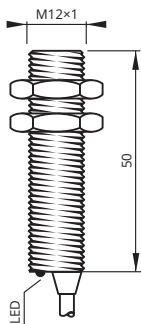
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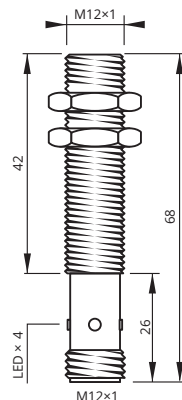
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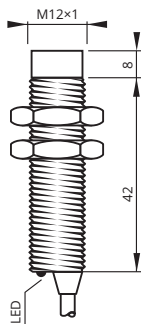
increased
erhöht



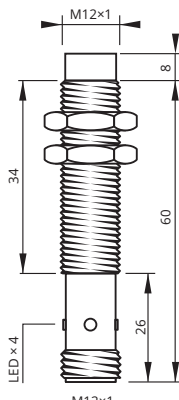
increased
erhöht



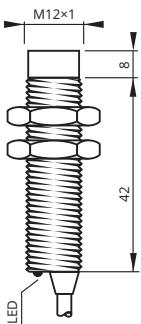
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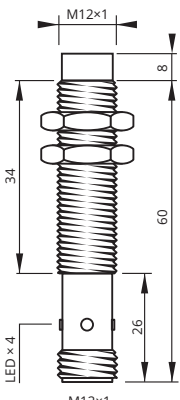
standard



increased
erhöht



increased
erhöht



Sensing distance S_n	Schaltabstand S_n	2 mm		2 mm		4 mm		4 mm		4 mm		4 mm		8 mm		8 mm	
Operating voltage	Betriebsspannung	10...55 V _{DC}		10...55 V _{DC}		10...55 V _{DC}		10...55 V _{DC}		10...55 V _{DC}		10...55 V _{DC}		10...55 V _{DC}		10...55 V _{DC}	
Reverse polarity protection	Verpolungsschutz	built-in	integriert	built-in	integriert	built-in	integriert	built-in	integriert	built-in	integriert	built-in	integriert	built-in	integriert	built-in	integriert
Current consumption	Stromverbrauch	<8 mA		<8 mA		<8 mA		<8 mA		<8 mA		<8 mA		<8 mA		<8 mA	
Current load capability	Ausgangsbelastbarkeit	200 mA		200 mA		200 mA		200 mA		200 mA		200 mA		200 mA		200 mA	
Short circuit protection	Kurzschlussschutz	built-in	integriert	built-in	integriert	built-in	integriert	built-in	integriert	built-in	integriert	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		<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	
Switching frequency	Schaltfrequenz	2000 Hz		2000 Hz		1000 Hz		1000 Hz		1000 Hz		1000 Hz		1000 Hz		500 Hz	
Correction factor	Korrekturfaktor	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		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...+75 °C		-25...+75 °C		-25...+75 °C		-25...+75 °C		-25...+75 °C		-25...+75 °C		-25...+75 °C		-25...+75 °C	
Protection class	Schutzklasse	IP67		IP67		IP67		IP67		IP67		IP67		IP67		IP67	
Sensing face material	Sensorflächenwerkstoff	POM		POM		POM		POM		POM		POM		POM		POM	
Housing material	Gehäusewerkstoff	brass	Messing	brass	Messing	brass	Messing	brass	Messing	brass	Messing	brass	Messing	brass	Messing	brass	Messing
Switching indicator	Schaltanzeige	built-in	integriert	built-in	integriert	built-in	integriert	built-in	integriert	built-in	integriert	built-in	integriert	built-in	integriert	built-in	integriert
Connection	Anschluss	PVC, ultra-flex		conn. M12 M12-Stecker		PVC, ultra-flex		conn. M12 M12-Stecker		PVC, ultra-flex		conn. M12 M12-Stecker		PVC, ultra-flex		conn. M12 M12-Stecker	
Article code NO	—	IPS12-S2DO50-A2P		IPS12-S2DO68-A12		IPS12-S4DO50-A2P		IPS12-S4DO68-A12		IPS12-N4DO50-A2P		IPS12-N4DO68-A12		IPS12-N8DO50-A2P		IPS12-N8DO68-A12	
Article code NC	└	IPS12-S2DC50-A2P		IPS12-S2DC68-A12		IPS12-S4DC50-A2P		IPS12-S4DC68-A12		IPS12-N4DC50-A2P		IPS12-N4DC68-A12		IPS12-N8DC50-A2P		IPS12-N8DC68-A12	

Mind O ≠ 0, I ≠ I ≠ 1, S ≠ 5, B ≠ 8. O ≠ 0, I ≠ I ≠ 1, S ≠ 5, B ≠ 8 beachten. Xecro reserves the right to make minor changes without prior notification. Xecro behält sich das Recht auf geringe Änderungen ohne Ankündigung vor.