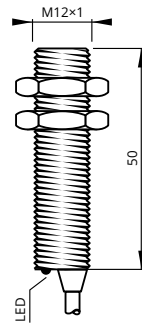


3-Wire
3-Leiter

semi-shielded
quasi-bündig
M12x1 | 6 mm



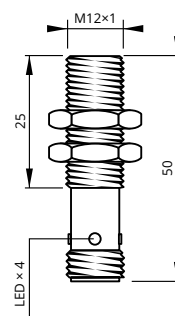
extended
erweitert



semi-shielded
quasi-bündig
M12x1 | 6 mm



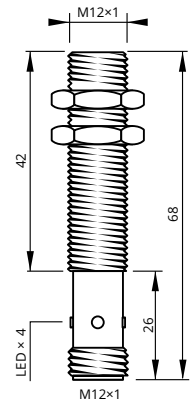
extended
erweitert



semi-shielded
quasi-bündig
M12x1 | 6 mm



extended
erweitert

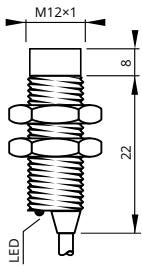


Sensing Distance	Schaltabstand	6 mm	6 mm	6 mm
Housing Size	Gehäusegröße	M12x1	M12x1	M12x1
Operating Voltage	Betriebsspannung	10...30 V _{DC}	10...30 V _{DC}	10...30 V _{DC}
Reverse Polarity Protection	Verpolungsschutz	built-in integriert	built-in integriert	built-in integriert
Current Consumption	Stromverbrauch	<8 mA	<8 mA	<8 mA
Current Load Capability	Ausgangsbelastbarkeit	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	800 Hz	800 Hz	800 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	<1 % (S _n)	<1 % (S _n)	<1 % (S _n)
Hysteresis	Hysterese	3...15 %	3...15 %	3...15 %
Operating Temperature	Betriebstemperatur	-25...+75 °C	-25...+75 °C	-25...+75 °C
Protection Class	Schutzklasse	IP67	IP67	IP67
Sensing Face	Sensorfläche	POM	POM	POM
Housing Material	Gehäusewerkstoff	brass	brass	brass
Connection	Anschluss	PVC, ultra-flex	conn. M12 Stecker M12	conn. M12 Stecker M12
Switching Indicator	Schaltanzeige	built-in integriert	built-in integriert	built-in integriert
Article Code PNP, NO		INS12S6PO50-A2P	INS12S6PO50-M12	INS12S6PO68-M12
Article Code PNP, NC		INS12S6PC50-A2P	INS12S6PC50-M12	INS12S6PC68-M12
Article Code PNP, NO+NC				
Article Code NPN, NO		INS12S6NO50-A2P	INS12S6NO50-M12	INS12S6NO68-M12
Article Code NPN, NC		INS12S6NC50-A2P	INS12S6NC50-M12	INS12S6NC68-M12
Article Code NPN, NO+NC				

unshielded
nicht bündig
M12×1 | 8 mm



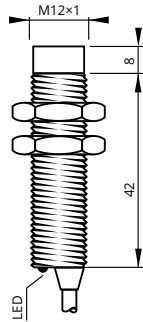
increased
erhöht



unshielded
nicht bündig
M12×1 | 8 mm



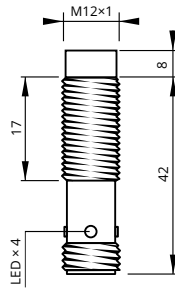
increased
erhöht



unshielded
nicht bündig
M12×1 | 8 mm



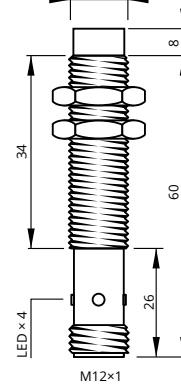
increased
erhöht



unshielded
nicht bündig
M12×1 | 8 mm



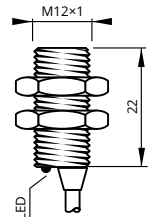
increased
erhöht



semi-shielded
quasi-bündig
M12×1 | 8 mm



advanced
hochentwickelt



8 mm	8 mm	8 mm	8 mm	8 mm
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
500 Hz	500 Hz	500 Hz	500 Hz	800 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
<1 % (S _n)	<1 % (S _n)	<1 % (S _n)	<1 % (S _n)	<1 % (S _n)
3...15 %	3...15 %	3...15 %	3...15 %	3...15 %
-25...+75 °C	-25...+75 °C	-25...+75 °C	-25...+75 °C	-25...+75 °C
IP67	IP67	IP67	IP67	IP67
POM	POM	POM	POM	POM
brass	brass	brass	brass	brass
PVC, ultra-flex	PVC, ultra-flex	conn. M12 Stecker M12	conn. M12 Stecker M12	PVC, ultra-flex
built-in integriert	built-in integriert	built-in integriert	built-in integriert	built-in integriert
INS12N8PO30-A2P	INS12N8PO50-A2P	INS12N8PO50-M12	INS12N8PO68-M12	INS12S8PO22-A2P
INS12N8PC30-A2P	INS12N8PC50-A2P	INS12N8PC50-M12	INS12N8PC68-M12	INS12S8PC22-A2P
INS12N8NO30-A2P	INS12N8NO50-A2P	INS12N8NO50-M12	INS12N8NO68-M12	INS12S8NO22-A2P
INS12N8NC30-A2P	INS12N8NC50-A2P	INS12N8NC50-M12	INS12N8NC68-M12	INS12S8NC22-A2P

Minor changes possible
Geringfügige Änderungen möglich