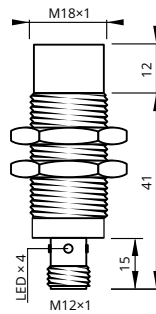


3-Wire 3-Leiter

unshielded
nicht bündig
M18x1 | 8 mm



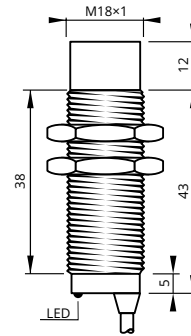
standard



unshielded
nicht bündig
M18x1 | 8 mm



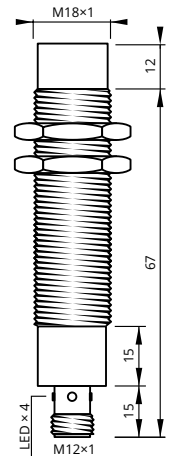
standard



unshielded
nicht bündig
M18x1 | 8 mm



standard

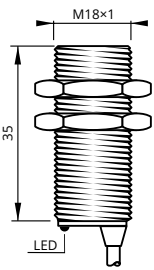


Sensing Distance	Schaltabstand	8 mm	8 mm	8 mm
Housing Size	Gehäusegröße	M18x1	M18x1	M18x1
Operating Voltage	Betriebsspannung	10...30 V _{DC}	10...30 V _{DC}	10...30 V _{DC}
Reverse Polarity Protection	Verpolungsschutz	built-in integriert	built-in integriert	built-in integriert
Current Consumption	Stromverbrauch	<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	500 Hz	500 Hz	500 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	conn. M12 Stecker M12	PVC, ultra-flex	conn. M12 Stecker M12
Switching Indicator	Schaltanzeige	built-in integriert	built-in integriert	built-in integriert
Article Code PNP, NO		INS18N8PO53-M12	INS18N8PO55-A2P	INS18N8PO79-M12
Article Code PNP, NC		INS18N8PC53-M12	INS18N8PC55-A2P	INS18N8PC79-M12
Article Code PNP, NO+NC				
Article Code NPN, NO		INS18N8NO53-M12	INS18N8NO55-A2P	INS18N8NO79-M12
Article Code NPN, NC		INS18N8NC53-M12	INS18N8NC55-A2P	INS18N8NC79-M12
Article Code NPN, NO+NC				

semi-shielded
quasi-bündig
M18×1 | 12 mm



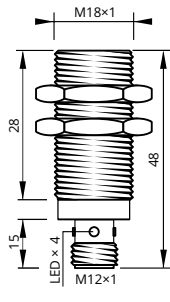
extended
erweitert



semi-shielded
quasi-bündig
M18×1 | 12 mm



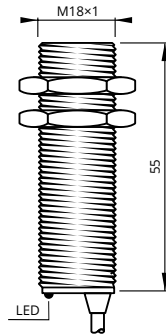
extended
erweitert



semi-shielded
quasi-bündig
M18×1 | 12 mm



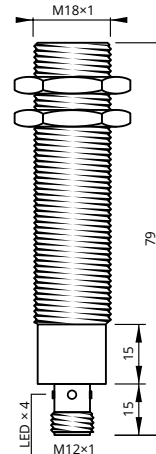
extended
erweitert



semi-shielded
quasi-bündig
M18×1 | 12 mm



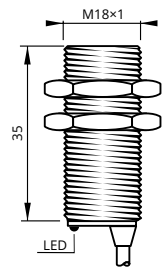
extended
erweitert



semi-shielded
quasi-bündig
M18×1 | 15 mm



advanced
hochentwickelt



12 mm	12 mm	12 mm	12 mm	15 mm
M18×1	M18×1	M18×1	M18×1	M18×1
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
300 Hz	300 Hz	300 Hz	300 Hz	300 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	conn. M12 Stecker M12	PVC, ultra-flex	conn. M12 Stecker M12	PVC, ultra-flex
built-in integriert	built-in integriert	built-in integriert	built-in integriert	built-in integriert
INS18S12PO35-A2P	INS18S12PO48-M12	INS18S12PO55-A2P	INS18S12PO79-M12	INS18S15PO35-A2P
INS18S12PC35-A2P	INS18S12PC48-M12	INS18S12PC55-A2P	INS18S12PC79-M12	INS18S15PC35-A2P
INS18S12NO35-A2P	INS18S12NO48-M12	INS18S12NO55-A2P	INS18S12NO79-M12	INS18S15NO35-A2P
INS18S12NC35-A2P	INS18S12NC48-M12	INS18S12NC55-A2P	INS18S12NC79-M12	INS18S15NC35-A2P

Minor changes possible
Geringfügige Änderungen möglich