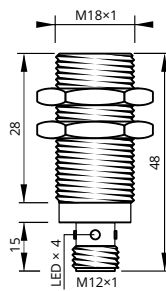


**3-Wire**  
**3-Leiter**

semi-shielded  
quasi-bündig  
M18x1 | 15 mm



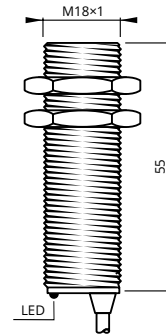
advanced  
hochentwickelt



semi-shielded  
quasi-bündig  
M18x1 | 15 mm



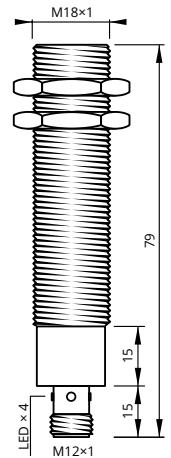
advanced  
hochentwickelt



semi-shielded  
quasi-bündig  
M18x1 | 15 mm



advanced  
hochentwickelt

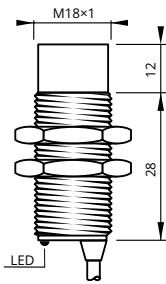


Sensing Distance	Schaltabstand	15 mm	15 mm	15 mm
Housing Size	Gehäusegröße	M18x1	M18x1	M18x1
Operating Voltage	Betriebsspannung	10...30 V <sub>DC</sub>	10...30 V <sub>DC</sub>	10...30 V <sub>DC</sub>
Reverse Polarity Protection	Verpolungsschutz	built-in integriert	built-in integriert	built-in integriert
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	300 Hz	300 Hz	300 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 <sub>n</sub> )	<1 % (S <sub>n</sub> )	<1 % (S <sub>n</sub> )
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		INS18S15PO48-M12	INS18S15PO55-A2P	INS18S15PO79-M12
Article Code PNP, NC		INS18S15PC48-M12	INS18S15PC55-A2P	INS18S15PC79-M12
Article Code PNP, NO+NC				
Article Code NPN, NO		INS18S15NO48-M12	INS18S15NO55-A2P	INS18S15NO79-M12
Article Code NPN, NC		INS18S15NC48-M12	INS18S15NC55-A2P	INS18S15NC79-M12
Article Code NPN, NO+NC				

unshielded  
nicht bündig  
M18×1 | 16 mm



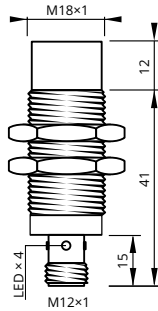
increased  
erhöht



unshielded  
nicht bündig  
M18×1 | 16 mm



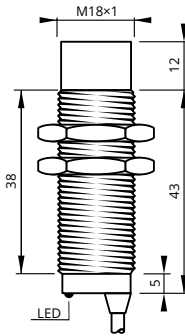
increased  
erhöht



unshielded  
nicht bündig  
M18×1 | 16 mm



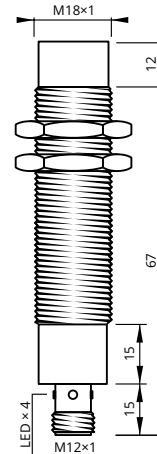
increased  
erhöht



unshielded  
nicht bündig  
M18×1 | 16 mm



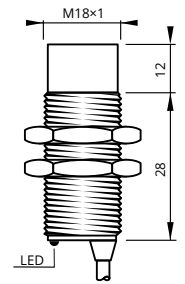
increased  
erhöht



unshielded  
nicht bündig  
M18×1 | 20 mm



extended  
erweitert



16 mm	16 mm	16 mm	16 mm	20 mm
M18×1	M18×1	M18×1	M18×1	M18×1
10...30 V <sub>DC</sub>	10...30 V <sub>DC</sub>	10...30 V <sub>DC</sub>	10...30 V <sub>DC</sub>	10...30 V <sub>DC</sub>
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
150 Hz	150 Hz	150 Hz	150 Hz	100 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 <sub>n</sub> )	<1 % (S <sub>n</sub> )	<1 % (S <sub>n</sub> )	<1 % (S <sub>n</sub> )	<1 % (S <sub>n</sub> )
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
INS18N16PO40-A2P	INS18N16PO53-M12	INS18N16PO55-A2P	INS18N16PO79-M12	INS18N20PO40-A2P
INS18N16PC40-A2P	INS18N16PC53-M12	INS18N16PC55-A2P	INS18N16PC79-M12	INS18N20PC40-A2P
INS18N16PCO40-A2P	INS18N16PCO53-M12	INS18N16PCO55-A2P	INS18N16PCO79-M12	
INS18N16NO40-A2P	INS18N16NO53-M12	INS18N16NO55-A2P	INS18N16NO79-M12	INS18N20NO40-A2P
INS18N16NC40-A2P	INS18N16NC53-M12	INS18N16NC55-A2P	INS18N16NC79-M12	INS18N20NC40-A2P
INS18N16NCO40-A2P	INS18N16NCO53-M12	INS18N16NCO55-A2P	INS18N16NCO79-M12	

Minor changes possible  
Geringfügige Änderungen möglich