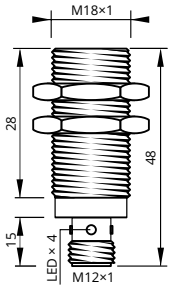
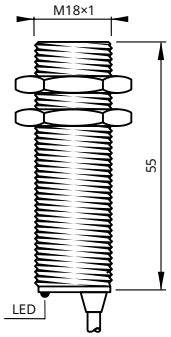
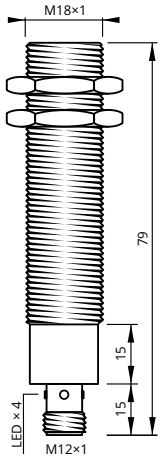
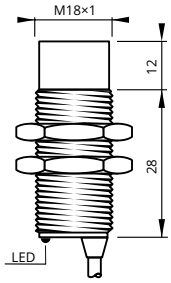
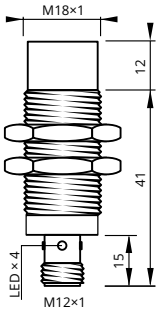
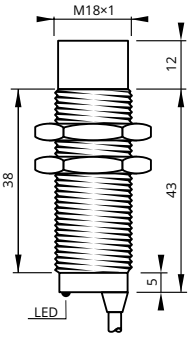
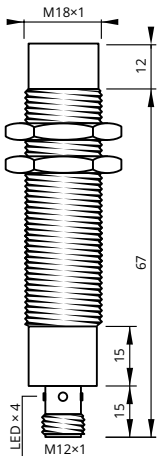
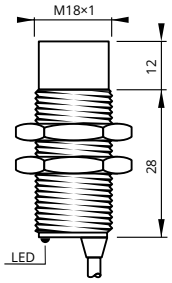
3-Wire
3-Leiter

	semi-shielded quasi-bündig **M18×1 | 15 mm**	semi-shielded quasi-bündig **M18×1 | 15 mm**	semi-shielded quasi-bündig **M18×1 | 15 mm**
			
	advanced hochentwickelt	advanced hochentwickelt	advanced hochentwickelt
			
Sensing Distance / Schaltabstand	15 mm	15 mm	15 mm
Housing Size / Gehäusegröße	M18×1	M18×1	M18×1
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 / Kurzschlussschutz	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_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		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**	unshielded nicht bündig **M18×1 | 16 mm**	unshielded nicht bündig **M18×1 | 16 mm**	unshielded nicht bündig **M18×1 | 16 mm**	unshielded nicht bündig **M18×1 | 20 mm**
				
increased erhöht	increased erhöht	increased erhöht	increased erhöht	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_{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
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_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
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