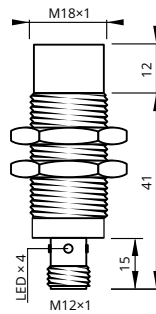


3-Wire 3-Leiter

unshielded
nicht bündig
M18×1 | 20 mm



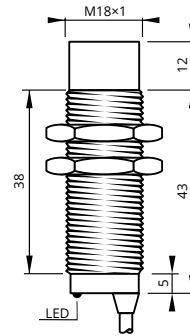
extended
erweitert



unshielded
nicht bündig
M18×1 | 20 mm



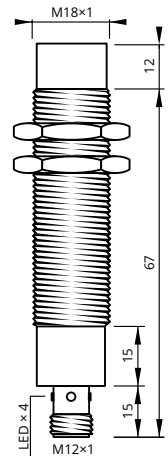
extended
erweitert



unshielded
nicht bündig
M18×1 | 20 mm



extended
erweitert



Sensing Distance	Schaltabstand	20 mm	20 mm	20 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	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	100 Hz	100 Hz	100 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		INS18N20PO53-M12	INS18N20PO55-A2P	INS18N20PO79-M12
Article Code PNP, NC		INS18N20PC53-M12	INS18N20PC55-A2P	INS18N20PC79-M12
Article Code PNP, NO+NC				
Article Code NPN, NO		INS18N20NO53-M12	INS18N20NO55-A2P	INS18N20NO79-M12
Article Code NPN, NC		INS18N20NC53-M12	INS18N20NC55-A2P	INS18N20NC79-M12
Article Code NPN, NO+NC				

shielded
bündig
M30×1.5 | 10 mm



standard

shielded
bündig
M30×1.5 | 10 mm



standard

shielded
bündig
M30×1.5 | 10 mm



standard

shielded
bündig
M30×1.5 | 10 mm

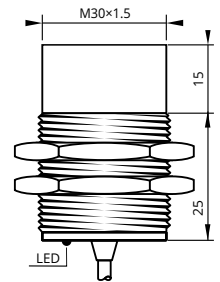
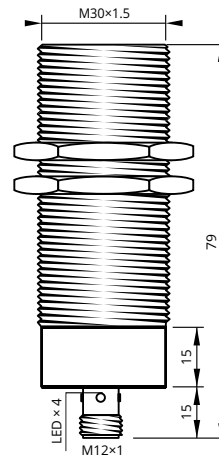
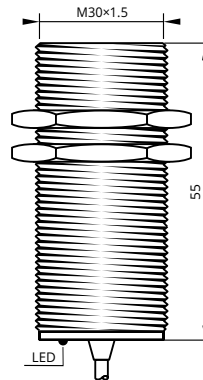
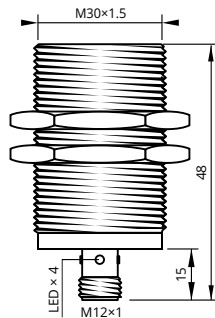
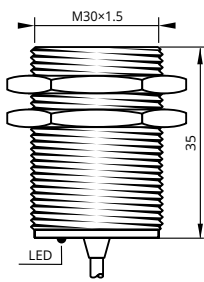


standard

unshielded
nicht bündig
M30×1.5 | 15 mm



standard



10 mm	10 mm	10 mm	10 mm	15 mm
M30×1.5	M30×1.5	M30×1.5	M30×1.5	M30×1.5
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	150 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
INS30S10PO35-A2P	INS30S10PO48-M12	INS30S10PO55-A2P	INS30S10PO79-M12	INS30N15PO40-A2P
INS30S10PC35-A2P	INS30S10PC48-M12	INS30S10PC55-A2P	INS30S10PC79-M12	INS30N15PC40-A2P
INS30S10NO35-A2P	INS30S10NO48-M12	INS30S10NO55-A2P	INS30S10NO79-M12	INS30N15NO40-A2P
INS30S10NC35-A2P	INS30S10NC48-M12	INS30S10NC55-A2P	INS30S10NC79-M12	INS30N15NC40-A2P

Minor changes possible
Geringfügige Änderungen möglich