

3-Wire
3-Leiter

shielded
bündig
M18x1 | 5 mm



standard

shielded
bündig
M18x1 | 5 mm

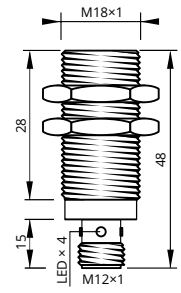
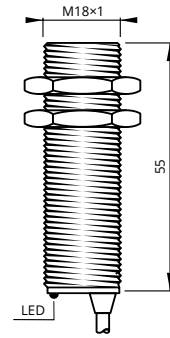
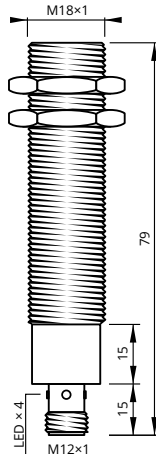


standard

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bündig
M18x1 | 5 mm



standard

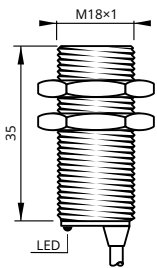


Sensing Distance	Schaltabstand	5 mm	5 mm	5 mm
Housing Size	Gehäusegröße	M18x1	M18x1	M18x1
Operating Voltage	Betriebsspannung	10...30 V _{DC}	10...30 V _{DC}	10...30 V _{DC}
Reverse Polarity Protection	Verpolungsschutz	built-in integriert	built-in integriert	built-in integriert
Current Consumption	Stromverbrauch	<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	1000 Hz	1000 Hz	1000 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		INS18S5PO48-M12	INS18S5PO55-A2P	INS18S5PO79-M12
Article Code PNP, NC		INS18S5PC48-M12	INS18S5PC55-A2P	INS18S5PC79-M12
Article Code PNP, NO+NC				
Article Code NPN, NO		INS18S5NO48-M12	INS18S5NO55-A2P	INS18S5NO79-M12
Article Code NPN, NC		INS18S5NC48-M12	INS18S5NC55-A2P	INS18S5NC79-M12
Article Code NPN, NO+NC				

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bündig
M18×1 | 8 mm



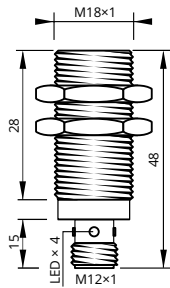
increased
erhöht



shielded
bündig
M18×1 | 8 mm



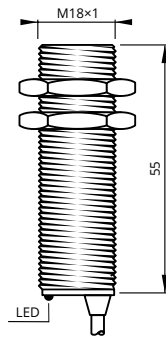
increased
erhöht



shielded
bündig
M18×1 | 8 mm



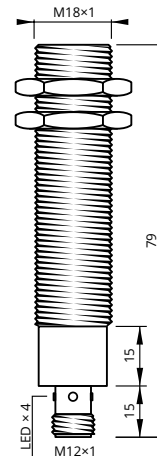
increased
erhöht



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M18×1 | 8 mm



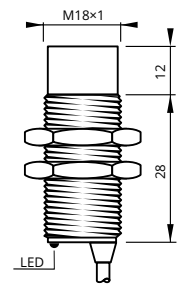
increased
erhöht



unshielded
nicht bündig
M18×1 | 8 mm



standard



8 mm	8 mm	8 mm	8 mm	8 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
500 Hz	500 Hz	500 Hz	500 Hz	500 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
INS18S8PO35-A2P	INS18S8PO48-M12	INS18S8PO55-A2P	INS18S8PO79-M12	INS18N8PO40-A2P
INS18S8PC35-A2P	INS18S8PC48-M12	INS18S8PC55-A2P	INS18S8PC79-M12	INS18N8PC40-A2P
INS18S8PCO35-A2P	INS18S8PCO48-M12	INS18S8PCO55-A2P	INS18S8PCO79-M12	
INS18S8NO35-A2P	INS18S8NO48-M12	INS18S8NO55-A2P	INS18S8NO79-M12	INS18N8NO40-A2P
INS18S8NC35-A2P	INS18S8NC48-M12	INS18S8NC55-A2P	INS18S8NC79-M12	INS18N8NC40-A2P
INS18S8NCO35-A2P	INS18S8NCO48-M12	INS18S8NCO55-A2P	INS18S8NCO79-M12	

Minor changes possible
Geringfügige Änderungen möglich