

2-Wire AC
2-Leiter AC

shielded
bündig
M12×1 | 5 mm



standard

shielded
bündig
M12×1 | 5 mm

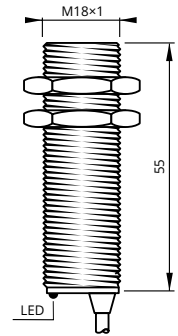
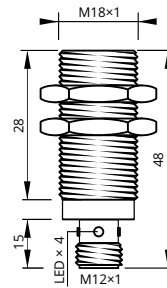
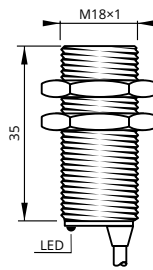


standard

shielded
bündig
M18×1 | 5 mm



standard



Sensing Distance	Schaltabstand	5 mm	5 mm	5 mm
Housing Size	Gehäusegröße	M12×1	M12×1	M18×1
Operating Voltage	Betriebsspannung	20...250 V _{AC}	20...250 V _{AC}	20...250 V _{AC}
Reverse Polarity Protection	Verpolungsschutz	not required nicht erforderl.	not required nicht erforderl.	not required nicht erforderl.
Current Consumption	Stromverbrauch	<3 mA	<3 mA	<3 mA
Current Load Capability	Ausgangsbelastbarkeit	400 mA	400 mA	400 mA
Voltage Drop	Spannungsabfall	<8 V @ 400 mA	<8 V @ 400 mA	<8 V @ 400 mA
Switching Frequency	Schaltfrequenz	25 Hz	25 Hz	25 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 Messing	brass Messing	brass Messing
Connection	Anschluss	PVC, ultra-flex	conn. M12 Stecker M12	PVC, ultra-flex
Switching Indicator	Schaltanzeige	built-in integriert	built-in integriert	built-in integriert
Article Code NO	—/—	INS18S5AO35-A2P	INS18S5AO48-M12	INS18S5AO55-A2P
Article Code NC	—/—	INS18S5AC35-A2P	INS18S5AC48-M12	INS18S5AC55-A2P

shielded
bündig
M18×1 | 5 mm



standard

shielded
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M12×1 | 8 mm



increased

shielded
bündig
M12×1 | 8 mm



increased

shielded
bündig
M18×1 | 8 mm

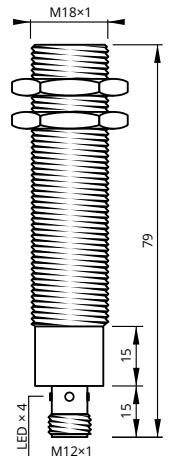
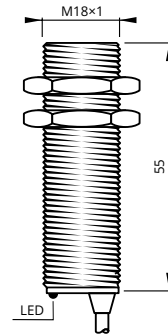
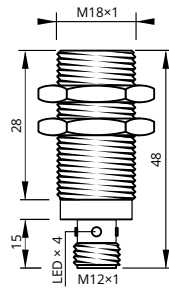
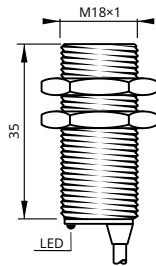
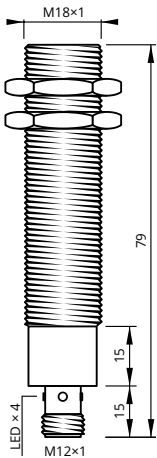


increased
erhöht

shielded
bündig
M18×1 | 8 mm



increased
erhöht



5 mm	8 mm	8 mm	8 mm	8 mm
M18×1	M12×1	M12×1	M18×1	M18×1
20...250 V _{AC}	20...250 V _{AC}	20...250 V _{AC}	20...250 V _{AC}	20...250 V _{AC}
not required nicht erforderlich.	not required nicht erforderlich.	not required nicht erforderlich.	not required nicht erforderlich.	not required nicht erforderlich.
<3 mA	<3 mA	<3 mA	<3 mA	<3 mA
400 mA	400 mA	400 mA	400 mA	400 mA
<8 V @ 400 mA	<8 V @ 400 mA	<8 V @ 400 mA	<8 V @ 400 mA	<8 V @ 400 mA
25 Hz	25 Hz	25 Hz	25 Hz	25 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 Messing	brass Messing	brass Messing	brass Messing	brass Messing
conn. M12 Stecker M12	PVC, ultra-flex	conn. M12 Stecker M12	PVC, ultra-flex	conn. M12 Stecker M12
built-in integriert	built-in integriert	built-in integriert	built-in integriert	built-in integriert
INS18S5AO79-M12	INS18S8AO35-A2P	INS18S8AO48-M12	INS18S8AO55-A2P	INS18S8AO79-M12
INS18S5AC79-M12	INS18S8AC35-A2P	INS18S8AC48-M12	INS18S8AC55-A2P	INS18S8AC79-M12