

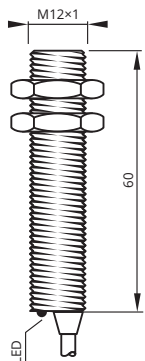
Inductive Proximity Switch
2-Wire Alternating Current

Induktive Näherungsschalter
2-Leiter Wechselstrom

shielded
bündig
M12 × 1 | 2 mm



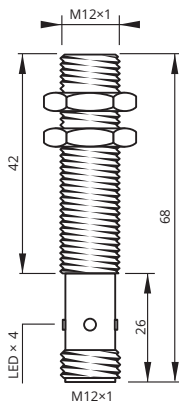
standard



shielded
bündig
M12 × 1 | 2 mm



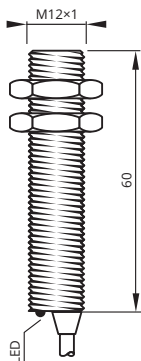
standard



shielded
bündig
M12 × 1 | 4 mm



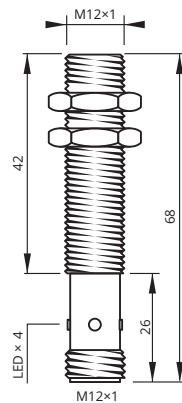
increased
erhöht



shielded
bündig
M12 × 1 | 4 mm



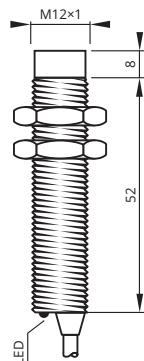
increased
erhöht



unshielded
nicht bündig
M12 × 1 | 4 mm



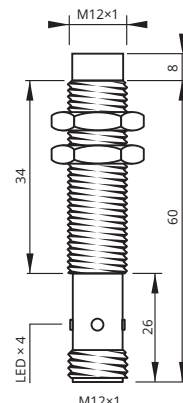
standard



unshielded
nicht bündig
M12 × 1 | 4 mm



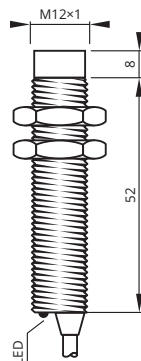
standard



unshielded
nicht bündig
M12 × 1 | 8 mm



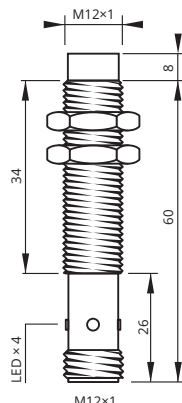
increased
erhöht



unshielded
nicht bündig
M12 × 1 | 8 mm



increased
erhöht



Sensing distance S_n	Schaltabstand S_n	2 mm	2 mm	4 mm	4 mm	4 mm	4 mm	8 mm	8 mm
Operating voltage	Betriebsspannung	20...250 V _{AC}	20...250 V _{AC}	20...250 V _{AC}	20...250 V _{AC}	20...250 V _{AC}	20...250 V _{AC}	20...250 V _{AC}	20...250 V _{AC}
Reverse polarity protection	Verpolungsschutz	not required nicht nötig	not required nicht nötig	not required nicht nötig	not required nicht nötig	not required nicht nötig	not required nicht nötig	not required nicht nötig	not required nicht nötig
Current consumption	Stromverbrauch	<3 mA	<3 mA	<3 mA	<3 mA	<3 mA	<3 mA	<3 mA	<3 mA
Current load capability	Ausgangsbelastbarkeit	400 mA	400 mA	400 mA	400 mA	400 mA	400 mA	400 mA	400 mA
Voltage drop	Spannungsabfall	<8 V @ 400 mA	<8 V @ 400 mA	<8 V @ 400 mA	<8 V @ 400 mA	<8 V @ 400 mA	<8 V @ 400 mA	<8 V @ 400 mA	<8 V @ 400 mA
Switching frequency	Schaltfrequenz	25 Hz	25 Hz	25 Hz	25 Hz	25 Hz	25 Hz	25 Hz	25 Hz
Correction factor	Korrekturfaktor	Alu 0.45 · Brs 0.50 · SS 0.85	Alu 0.45 · Brs 0.50 · SS 0.85	Alu 0.45 · Brs 0.50 · SS 0.85	Alu 0.45 · Brs 0.50 · SS 0.85	Alu 0.45 · Brs 0.50 · SS 0.85	Alu 0.45 · Brs 0.50 · SS 0.85	Alu 0.45 · Brs 0.50 · SS 0.85	Alu 0.45 · Brs 0.50 · SS 0.85
Operating temperature	Betriebstemperatur	-25...+75 °C	-25...+75 °C	-25...+75 °C	-25...+75 °C	-25...+75 °C	-25...+75 °C	-25...+75 °C	-25...+75 °C
Protection class	Schutzklasse	IP67	IP67	IP67	IP67	IP67	IP67	IP67	IP67
Sensing face material	Sensorflächenwerkstoff	POM	POM	POM	POM	POM	POM	POM	POM
Housing material	Gehäusewerkstoff	brass Messing	brass Messing	brass Messing	brass Messing	brass Messing	brass Messing	brass Messing	brass Messing
Switching indicator	Schaltanzeige	built-in integriert	built-in integriert	built-in integriert	built-in integriert	built-in integriert	built-in integriert	built-in integriert	built-in integriert
Connection	Anschluss	PVC, ultra-flex	conn. M12 M12-Stecker	PVC, ultra-flex	conn. M12 M12-Stecker	PVC, ultra-flex	conn. M12 M12-Stecker	PVC, ultra-flex	conn. M12 M12-Stecker
Article code NO	↙	IPS12-S2AO60-A2P	IPS12-S2AO68-A12	IPS12-S4AO60-A2P	IPS12-S4AO68-A12	IPS12-N4AO60-A2P	IPS12-N4AO68-A12	IPS12-N8AO60-A2P	IPS12-N8AO68-A12
Article code NC	↘	IPS12-S2AC60-A2P	IPS12-S2AC68-A12	IPS12-S4AC60-A2P	IPS12-S4AC68-A12	IPS12-N4AC60-A2P	IPS12-N4AC68-A12	IPS12-N8AC60-A2P	IPS12-N8AC68-A12

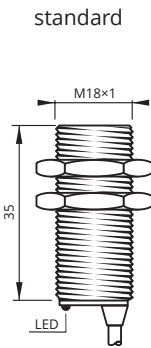
Mind O ≠ 0, I ≠ I ≠ 1, S ≠ 5, B ≠ 8. O ≠ 0, I ≠ I ≠ 1, S ≠ 5, B ≠ 8 beachten.

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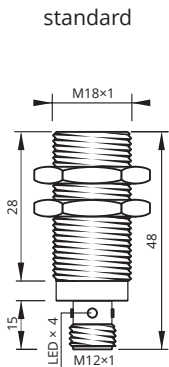
Inductive Proximity Switch
2-Wire Alternating Current

Induktive Näherungsschalter
2-Leiter Wechselstrom

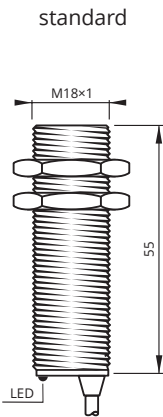
shielded
bündig
M12 × 1 | 5 mm



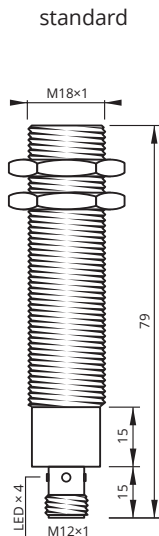
shielded
bündig
M12 × 1 | 5 mm



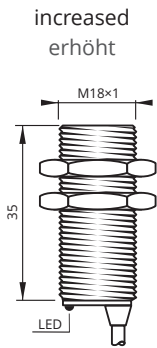
shielded
bündig
M18 × 1 | 5 mm



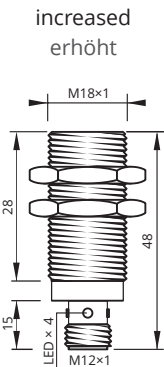
shielded
bündig
M18 × 1 | 5 mm



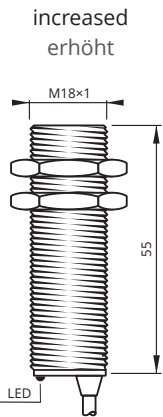
shielded
bündig
M12 × 1 | 8 mm



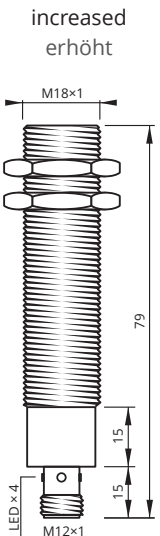
shielded
bündig
M12 × 1 | 8 mm



shielded
bündig
M18 × 1 | 8 mm



shielded
bündig
M18 × 1 | 8 mm



Sensing distance S_n	Schaltabstand S_n	5 mm	5 mm	5 mm	5 mm	8 mm	8 mm	8 mm	8 mm
Operating voltage	Betriebsspannung	20...250 V _{AC}	20...250 V _{AC}	20...250 V _{AC}	20...250 V _{AC}	20...250 V _{AC}	20...250 V _{AC}	20...250 V _{AC}	20...250 V _{AC}
Reverse polarity protection	Verpolungsschutz	not required nicht nötig	not required nicht nötig	not required nicht nötig	not required nicht nötig	not required nicht nötig	not required nicht nötig	not required nicht nötig	not required nicht nötig
Current consumption	Stromverbrauch	<3 mA	<3 mA	<3 mA	<3 mA	<3 mA	<3 mA	<3 mA	<3 mA
Current load capability	Ausgangsbelastbarkeit	400 mA	400 mA	400 mA	400 mA	400 mA	400 mA	400 mA	400 mA
Voltage drop	Spannungsabfall	<8 V @ 400 mA	<8 V @ 400 mA	<8 V @ 400 mA	<8 V @ 400 mA	<8 V @ 400 mA	<8 V @ 400 mA	<8 V @ 400 mA	<8 V @ 400 mA
Switching frequency	Schaltfrequenz	25 Hz	25 Hz	25 Hz	25 Hz	25 Hz	25 Hz	25 Hz	25 Hz
Correction factor	Korrekturfaktor	Alu 0.45 · Brs 0.50 · SS 0.85	Alu 0.45 · Brs 0.50 · SS 0.85	Alu 0.45 · Brs 0.50 · SS 0.85	Alu 0.45 · Brs 0.50 · SS 0.85	Alu 0.45 · Brs 0.50 · SS 0.85	Alu 0.45 · Brs 0.50 · SS 0.85	Alu 0.45 · Brs 0.50 · SS 0.85	Alu 0.45 · Brs 0.50 · SS 0.85
Operating temperature	Betriebstemperatur	-25...+75 °C	-25...+75 °C	-25...+75 °C	-25...+75 °C	-25...+75 °C	-25...+75 °C	-25...+75 °C	-25...+75 °C
Protection class	Schutzklasse	IP67	IP67	IP67	IP67	IP67	IP67	IP67	IP67
Sensing face material	Sensorflächenwerkstoff	POM	POM	POM	POM	POM	POM	POM	POM
Housing material	Gehäusewerkstoff	brass Messing	brass Messing	brass Messing	brass Messing	brass Messing	brass Messing	brass Messing	brass Messing
Switching indicator	Schaltanzeige	built-in integriert	built-in integriert	built-in integriert	built-in integriert	built-in integriert	built-in integriert	built-in integriert	built-in integriert
Connection	Anschluss	PVC, ultra-flex	conn. M12 M12-Stecker	PVC, ultra-flex	conn. M12 M12-Stecker	PVC, ultra-flex	conn. M12 M12-Stecker	PVC, ultra-flex	conn. M12 M12-Stecker
Article code NO	↙	IPS18-S5AO35-A2P	IPS18-S5AO48-A12	IPS18-S5AO55-A2P	IPS18-S5AO79-A12	IPS18-S8AO35-A2P	IPS18-S8AO48-A12	IPS18-S8AO55-A2P	IPS18-S8AO79-A12
Article code NC	↘	IPS18-S5AC35-A2P	IPS18-S5AC48-A12	IPS18-S5AC55-A2P	IPS18-S5AC79-A12	IPS18-S8AC35-A2P	IPS18-S8AC48-A12	IPS18-S8AC55-A2P	IPS18-S8AC79-A12

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