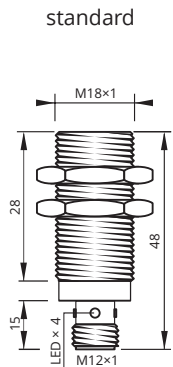


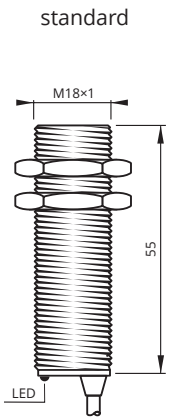
Inductive Proximity Switch
3-Wire DC

Induktive Näherungsschalter
3-Leiter DC

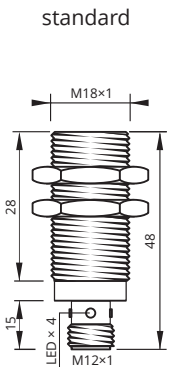
shielded
bündig
M18 × 1 | 5 mm



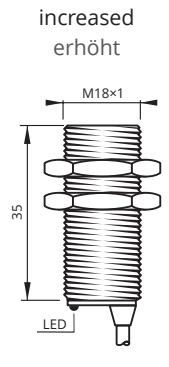
shielded
bündig
M18 × 1 | 5 mm



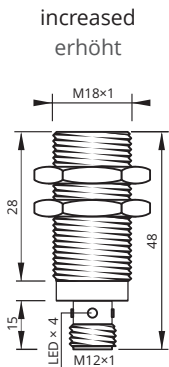
shielded
bündig
M18 × 1 | 5 mm



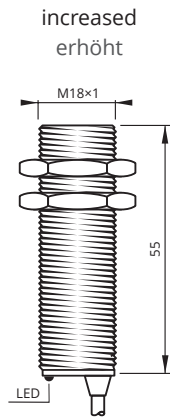
shielded
bündig
M18 × 1 | 8 mm



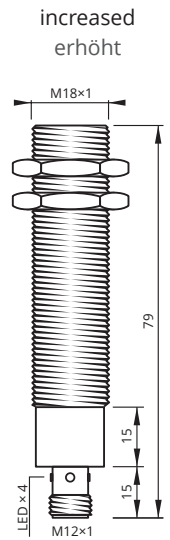
shielded
bündig
M18 × 1 | 8 mm



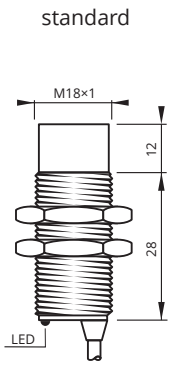
shielded
bündig
M18 × 1 | 8 mm



shielded
bündig
M18 × 1 | 8 mm



unshielded
nicht bündig
M18 × 1 | 8 mm



Sensing distance S_n	Schaltabstand S_n	5 mm	5 mm	5 mm	8 mm	8 mm	8 mm	8 mm	8 mm
Operating voltage	Betriebsspannung	10...30 V _{DC}	10...30 V _{DC}	10...30 V _{DC}	10...30 V _{DC}	10...30 V _{DC}	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	built-in integriert	built-in integriert	built-in integriert	built-in integriert	built-in integriert
Current consumption	Stromverbrauch	<8 mA	<8 mA	<8 mA	<8 mA	<8 mA	<8 mA	<8 mA	<8 mA
Current load capability	Ausgangsbelastbarkeit	200 mA	200 mA	200 mA	200 mA	200 mA	200 mA	200 mA	200 mA
Short circuit protection	Kurzschlussschutz	built-in integriert	built-in integriert	built-in integriert	built-in integriert	built-in integriert	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	<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
Switching frequency	Schaltfrequenz	1000 Hz	1000 Hz	1000 Hz	500 Hz	500 Hz	500 Hz	500 Hz	500 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	Sensorfläche	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	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	PVC, ultra-flex
Article code PNP, NO	—	IPS18-S5PO48-A12	IPS18-S5PO55-A2P	IPS18-S5PO79-A12	IPS18-S8PO35-A2P	IPS18-S8PO48-A12	IPS18-S8PO55-A2P	IPS18-S8PO79-A12	IPS18-N8PO40-A2P
Article code PNP, NC	—	IPS18-S5PC48-A12	IPS18-S5PC55-A2P	IPS18-S5PC79-A12	IPS18-S8PC35-A2P	IPS18-S8PC48-A12	IPS18-S8PC55-A2P	IPS18-S8PC79-A12	IPS18-N8PC40-A2P
Article code PNP, NO+NC	—+ —				IPS18-S8PCO35-A2P	IPS18-S8PCO48-A12	IPS18-S8PCO55-A2P	IPS18-S8PCO79-A12	
Article code NPN, NO	—	IPS18-S5NO48-A12	IPS18-S5NO55-A2P	IPS18-S5NO79-A12	IPS18-S8NO35-A2P	IPS18-S8NO48-A12	IPS18-S8NO55-A2P	IPS18-S8NO79-A12	IPS18-N8NO40-A2P
Article code NPN, NC	—	IPS18-S5NC48-A12	IPS18-S5NC55-A2P	IPS18-S5NC79-A12	IPS18-S8NC35-A2P	IPS18-S8NC48-A12	IPS18-S8NC55-A2P	IPS18-S8NC79-A12	IPS18-N8NC40-A2P
Article code NPN, NO+NC	—+ —				IPS18-S8NCO35-A2P	IPS18-S8NCO48-A12	IPS18-S8NCO55-A2P	IPS18-S8NCO79-A12	

Mind O ≠ 0, I ≠ I ≠ 1, S ≠ 5, B ≠ 8. O ≠ 0, I ≠ I ≠ 1, S ≠ 5, B ≠ 8 beachten. Xecro reserves the right to make minor changes without prior notification. Xecro behält sich das Recht auf geringe Änderungen ohne Ankündigung vor.

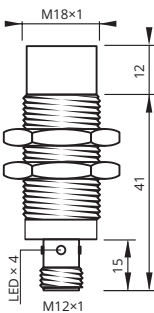
Inductive Proximity Switch
3-Wire DC

Induktive Näherungsschalter
3-Leiter DC

unshielded
nicht bündig
M18 × 1 | 8 mm



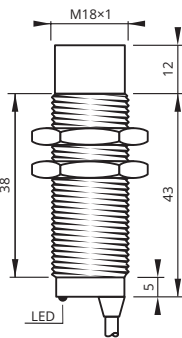
standard



unshielded
nicht bündig
M18 × 1 | 8 mm



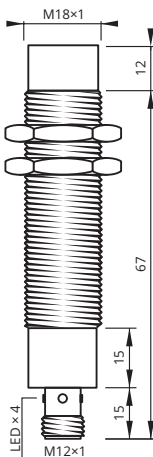
standard



unshielded
nicht bündig
M18 × 1 | 8 mm



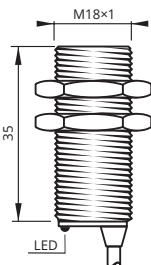
standard



semi-shielded
quasi-bündig
M18 × 1 | 12 mm



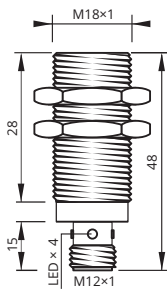
extended
erweitert



semi-shielded
quasi-bündig
M18 × 1 | 12 mm



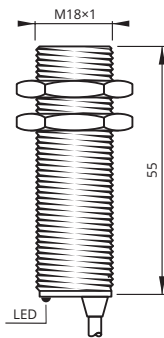
extended
erweitert



semi-shielded
quasi-bündig
M18 × 1 | 12 mm



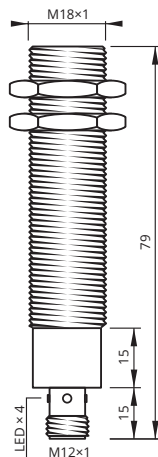
extended
erweitert



semi-shielded
quasi-bündig
M18 × 1 | 12 mm



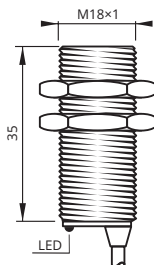
extended
erweitert



semi-shielded
quasi-bündig
M18 × 1 | 15 mm



advanced
Hochleistung



Sensing distance S_n	Schaltabstand S_n	8 mm	8 mm	8 mm	12 mm	12 mm	12 mm	12 mm	15 mm
Operating voltage	Betriebsspannung	10...30 V _{DC}	10...30 V _{DC}	10...30 V _{DC}	10...30 V _{DC}	10...30 V _{DC}	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	built-in integriert	built-in integriert	built-in integriert	built-in integriert	built-in integriert
Current consumption	Stromverbrauch	<8 mA	<8 mA	<8 mA	<8 mA	<8 mA	<8 mA	<8 mA	<8 mA
Current load capability	Ausgangsbelaastbarkeit	200 mA	200 mA	200 mA	200 mA	200 mA	200 mA	200 mA	200 mA
Short circuit protection	Kurzschlussschutz	built-in integriert	built-in integriert	built-in integriert	built-in integriert	built-in integriert	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	<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
Switching frequency	Schaltfrequenz	500 Hz	500 Hz	500 Hz	300 Hz	300 Hz	300 Hz	300 Hz	300 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	Sensorfläche	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	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	PVC, ultra-flex
Article code PNP, NO	—	IPS18-N8PO53-A12	IPS18-N8PO55-A2P	IPS18-N8PO79-A12	IPS18-S12PO35-A2P	IPS18-S12PO48-A12	IPS18-S12PO55-A2P	IPS18-S12PO79-A12	IPS18-S15PO35-A2P
Article code PNP, NC	—	IPS18-N8PC53-A12	IPS18-N8PC55-A2P	IPS18-N8PC79-A12	IPS18-S12PC35-A2P	IPS18-S12PC48-A12	IPS18-S12PC55-A2P	IPS18-S12PC79-A12	IPS18-S15PC35-A2P
Article code PNP, NO+NC	—+ —								
Article code NPN, NO	—	IPS18-N8NO53-A12	IPS18-N8NO55-A2P	IPS18-N8NO79-A12	IPS18-S12NO35-A2P	IPS18-S12NO48-A12	IPS18-S12NO55-A2P	IPS18-S12NO79-A12	IPS18-S15NO35-A2P
Article code NPN, NC	—	IPS18-N8NC53-A12	IPS18-N8NC55-A2P	IPS18-N8NC79-A12	IPS18-S12NC35-A2P	IPS18-S12NC48-A12	IPS18-S12NC55-A2P	IPS18-S12NC79-A12	IPS18-S15NC35-A2P
Article code NPN, NO+NC	—+ —								

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