

Inductive Proximity Switch 3-Wire DC

Induktive Näherungsschalter 3-Leiter DC

flush
bündig
M18×1 | 5 mm



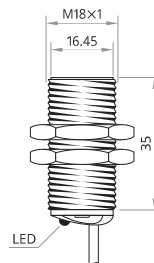
flush
bündig
M18×1 | 5 mm



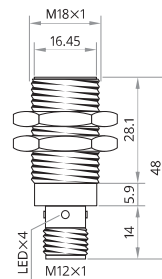
flush
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M18×1 | 5 mm



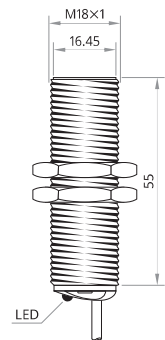
standard
Standard



standard
Standard



standard
Standard



Sensing distance S_n	Schaltabstand S_n	5 mm	5 mm	5 mm
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
Reduction factors	Reduktionsfaktoren	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	-20...+70 °C	-20...+70 °C	-20...+70 °C
IP rating	Schutzart	IP67	IP67	IP67
Sensing face material	Sensorflächenwerkstoff	PBT	PBT	PBT
Housing material	Gehäusewerkstoff	brass Messing	brass Messing	brass Messing
Switching indicator	Schaltanzeige	built-in integriert	built-in integriert	built-in integriert
Connection	Anschluss	PVC, ultra-flex	conn. M12 Stecker M12	PVC, ultra-flex
Article code PNP, NO	┌—	IPS18-S5PO35-A2P	IPS18-S5PO48-A12	IPS18-S5PO55-A2P
Article code PNP, NC	└—	IPS18-S5PC35-A2P	IPS18-S5PC48-A12	IPS18-S5PC55-A2P
Article code PNP, NO&NC	┌— & └—			
Article code NPN, NO	┌—	IPS18-S5NO35-A2P	IPS18-S5NO48-A12	IPS18-S5NO55-A2P
Article code NPN, NC	└—	IPS18-S5NC35-A2P	IPS18-S5NC48-A12	IPS18-S5NC55-A2P
Article code NPN, NO&NC	┌— & └—			