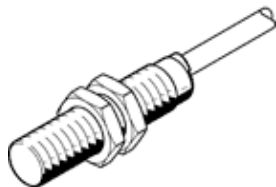


proximity sensor SIEF-M12B-PS-K-L

Part number: 553542

FESTO

With cable, flush mounting



Data sheet

Feature	Value
Design	Round
Conforms to standard	EN 60947-5-2
Authorisation	RCM Mark c UL us - Listed (OL)
CE mark (see declaration of conformity)	to EU directive for EMC
Materials note	Free of copper and PTFE Conforms to RoHS
Nominal switching distance	3 mm
Ambient temperature	-30 ... 70 °C
Repetition accuracy	0.16 mm
Switch output	PNP
Switching element function	Normally open contact
Max. switching frequency, DC	3,000 Hz
Max. output current	200 mA
Short circuit strength	Pulsing
Operating voltage range DC	10 ... 30 V
Polarity protected	for all electrical connections
Electrical connection	3-core Cable
Cable length	2.5 m
Material cable sheath	TPE-U(PU)
Size	M12
Type of installation	flush
Product weight	105 g
Material housing	Brass TPE-O Chromed-plated
Operating status display	Yellow LED
Ambient temperature with flexible cable installation	-5 ... 70 °C
Protection class	IP68
Interference immunity to magnetic fields	DC and AC magnetic field
Surge strength	0.8 kV
Corrosion resistance classification CRC	2 - Moderate corrosion stress
Degree of contamination	3