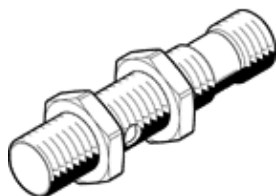


# proximity sensor SIED-M12B-ZS-S-L

Part number: 538271

FESTO

With plug, 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 to EU directive low-voltage devices
Materials note	Free of copper and PTFE
Measuring principle	Inductive
Nominal switching distance	2 mm
Guaranteed switching distance	1.62 mm
Reduction factors	Aluminium = 0.5 Stainless steel, St 18/8 = 0.9 Copper = 0.4 Brass = 0.6 Steel, St 37 = 1.0
Ambient temperature	-25 ... 85 °C
Repetition accuracy	0.1 mm
Switch output	Non-contacting 2-wire
Switching element function	Normally open contact
Hysteresis	0.02 ... 0.44 mm
Max. switching frequency, DC	1,200 Hz
Max. switching frequency, AC	25 Hz
Max. output current	200 mA
Voltage drop	≤ 8 V
Minimum load current	5 mA
Short circuit strength	No
Operating voltage range AC	20 ... 265 V
Operating voltage range DC	20 ... 320 V
Line frequency	50 Hz
Idle current	≤ 1.5 mA
Polarity protected	for all electrical connections
Electrical connection	2-pin M12x1 Plug
Size	M12
Mounting type	with lock nut
Tightening torque	10 Nm
Type of installation	flush
Product weight	20 g
Material housing	Brass PA Nickel plated
Operating status display	Yellow LED
Protection class	IP67
Corrosion resistance classification CRC	1 - Low corrosion stress