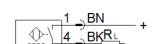
## proximity sensor SIEF-M12NB-PS-S-L-WA Part number: 538295

With plug, semi-flush mounting



PNP 3 BU

**FESTO** 



## **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
Measuring principle	Inductive
Nominal switching distance	8 mm
Guaranteed switching distance	6.48 mm
Reduction factors	Aluminium = 1.0
	Stainless steel, St 18/8 = 1.0
	Copper = 1.0
	Brass = 1.0
	Steel, St 37 = 1.0
Ambient temperature	-30 85 °C
Repetition accuracy	0.16 mm
Switch output	PNP
Switching element function	Normally open contact
Hysteresis	0.24 1.2 mm
Max. switching frequency, DC	2,000 Hz
Max. output current	200 mA
Voltage drop	<= 1.8 V
Short circuit strength	Pulsing
Operating voltage range DC	10 30 V
Residual ripple	10 %
Idle current	<= 15 mA
Polarity protected	for all electrical connections
Electrical connection	3-pin
	Fixcon
	M12x1
	Plug
Size	M12
Mounting type	with lock nut
Tightening torque	7 Nm
Type of installation	Semi-flush
Product weight	26 g
Material housing	Brass
	РВТ
	PTFE coated
Operating status display	Yellow LED
Protection class	IP67
Interference immunity to magnetic fields	DC and AC magnetic field
Corrosion resistance classification CRC	0 - No corrosion stress