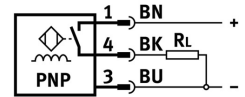


Proximity sensor SIEF-M12B-PS-S-L

Part number: 553541

FESTO



[General operating condition](#)

Data sheet

Feature	Value
Design	Round
Conforms to standard	EN 60947-5-2
Symbol	00991701
Approval	RCM trademark c UL us listed (OL)
CE mark (see declaration of conformity)	To EU EMC Directive
Note on materials	RoHS-compliant
Rated operating distance	3 mm
Ambient temperature	-30 °C ... 85 °C
Repetition accuracy	0.16 mm
Switching output	PNP
Switching element function	N/O contact
Max. switching frequency DC	3000 Hz
Max. output current	200 mA
Short circuit current rating	Pulsed
Operational voltage range DC	10 V ... 30 V
Reverse polarity protection	For all electrical connections
Electrical connection	3-pin M12x1 Plugs
Material connector housing	Brass Chrome-plated
Size	M12
Mounting type	Flush
Product weight	24 g
Material housing	Brass Chrome-plated
Switching status indication	Yellow LED
Degree of protection	IP68
Immunity to magnetic fields	Magnetic direct and alternating field
Immunity to surge	0.8 kV
Corrosion resistance class CRC	2 - Moderate corrosion stress
LABS (PWIS) conformity	VDMA24364-B2-L
Pollution degree	3
Additional information for sensor selection	Reduction factor 1, resistant to magnetic fields
Selection of sensor design	Standard