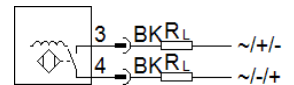
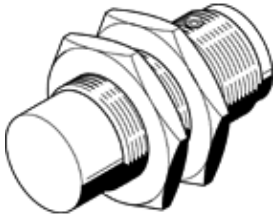


proximity sensor SIED-M30NB-ZS-S-L

Part number: 538283

FESTO

With plug, non-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	15 mm
Guaranteed switching distance	12.15 mm
Reduction factors	Aluminium = 0.5 Stainless steel, St 18/8 = 0.8 Copper = 0.4 Brass = 0.5 Steel, St 37 = 1.0
Ambient temperature	-25 ... 85 °C
Repetition accuracy	0.4 mm
Switch output	Non-contacting 2-wire
Switching element function	Normally open contact
Hysteresis	0.04 ... 3.3 mm
Max. switching frequency, DC	220 Hz
Max. switching frequency, AC	25 Hz
Max. output current	300 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	M30
Mounting type	with lock nut
Tightening torque	30 Nm
Type of installation	not flush
Product weight	140 g
Material housing	Brass PA Nickel plated
Operating status display	Yellow LED
Protection class	IP67
Corrosion resistance classification CRC	1 - Low corrosion stress