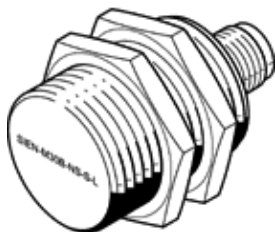


Proximity Sensor SIEN-M30B-PS-S-L

Part number: 150435

FESTO

Inductive, with standard switching distance.



Data sheet

Feature	Value
Conforms to standard	EN 60947-5-2
Authorization	RCM Mark c UL us - Listed (OL)
CE symbol (see declaration of conformity)	according to EU-EMV guideline
Materials note	Conforms to RoHS
Nominal switching distance	10 mm
Guaranteed switching distance	8.1 mm
Reduction factors	Aluminum = 0.45 Stainless steel, St 18/8 = 0.8 Copper = 0.4 Brass = 0.55 Steel, St 37 = 1.0
Ambient temperature	-25 ... 70 °C
Repetition accuracy	0.5 mm
Switch output	PNP
Switching element function	Normally open contact
Hysteresis	≤ 1.1 mm
Max. switching frequency	1,200 Hz
Max. output current	200 mA
Voltage drop	≤ 2 V
Short circuit strength	Pulsing
Operating voltage range DC	10 ... 30 V
Residual ripple	+/- 20 %
Idle current	≤ 10 mA
Polarity protected	for all electrical connections
Electrical connection	3-pin M12x1 Plug
Size	M30x1,5
Mounting type	with lock nut
Tightening torque	40 Nm
Type of installation	flush
Product weight	100 g
Material housing	Brass PA PBTP Chromed-plated
Operating status display	Yellow LED
Ambient temperature with flexible cable installation	-5 ... 70 °C
Protection class	IP67
Surge strength	0.8 kV
PWIS conformity	VDMA24364-B2-L
Degree of contamination	3