

Proximity Sensor SIEN-M30NB-PS-K-L

Part number: 150442

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	15 mm
Guaranteed switching distance	12.15 mm
Reduction factors	Aluminum = 0.5 Stainless steel St 18/8 = 0.85 Copper = 0.43 Brass = 0.53 Steel, St 37 = 1.0
Ambient temperature	-25 ... 70 °C
Repetition accuracy	0.75 mm
Switch output	PNP
Switching element function	Normally open contact
Hysteresis	≤ 1.65 mm
Max. switching frequency	700 Hz
Max. output current	200 mA
Voltage drop	≤ 2 V
Short circuit strength	Pulsing
Operating voltage range DC	11 ... 30 V
Residual ripple	+/- 20 %
Idle current	≤ 10 mA
Polarity protected	for all electrical connections
Electrical connection	3-pin Cable
Cable length	2.5 m
Material cable sheath	TPE-U(PUR)
Size	M30x1,5
Mounting type	with lock nut
Tightening torque	40 Nm
Type of installation	not flush
Product weight	150 g
Material housing	Brass 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