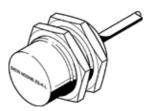
proximity sensor SIEN-M30NB-PS-K-L-PA Part number: 538333

With cable, 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
Measuring principle	Inductive
Nominal switching distance	15 mm
Guaranteed switching distance	12.15 mm
Reduction factors	Aluminium = 0.35 to 0.5
	Stainless steel, St 18/8 = 0.6 to 1.0
	Copper = 0.25 to 0.45
	Brass = 0.35 to 0.5
	Steel, St 37 = 1.0
Ambient temperature	-25 70 °C
Repetition accuracy	0.3 mm
Switch output	PNP
Switching element function	Normally open contact
Hysteresis	0.45 2.25 mm
Max. switching frequency, DC	500 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-core
	Cable
Cable length	2.5 m
Material cable sheath	PVC
Material insulation	PVC
Size	M30
Mounting type	with lock nut
Tightening torque	5 Nm
Type of installation	not flush
Product weight	158 g
Material housing	PA-reinforced
Operating status display	Yellow LED
Ambient temperature with flexible cable installation	0 70 °C
Protection class	IP65
	IP67
Corrosion resistance classification CRC	4 - Very high corrosion stress

BN - + RL PNP BU