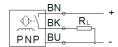
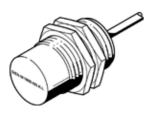
proximity sensor SIEN-M18NB-PS-K-L-PA Part number: 538331

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
Materials note	Free of copper and PTFE
Measuring principle	Inductive
Nominal switching distance	8 mm
Guaranteed switching distance	6.48 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	0.16 mm
Switch output	PNP
Switching element function	Normally open contact
Hysteresis	0.24 1.2 mm
Max. switching frequency, DC	1,000 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	M18
Mounting type	with lock nut
Tightening torque	2 Nm
Type of installation	not flush
Product weight	127 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