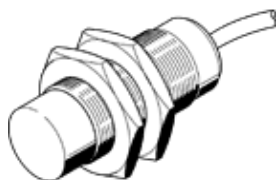


# proximity sensor SIEF-M30NB-NS-K-L

Part number: 538322

FESTO

With cable, semi-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	20 mm
Guaranteed switching distance	16.2 mm
Reduction factors	Aluminium = 1.0 Stainless steel, St 18/8 = 1.0 Copper = 1.0 Brass = 1.0 Steel, St 37 = 1.0
Ambient temperature	-30 ... 85 °C
Repetition accuracy	0.4 mm
Switch output	NPN
Switching element function	Normally open contact
Hysteresis	0.6 ... 3 mm
Max. switching frequency, DC	1,500 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	TPE-U(PUR)
Material insulation	PVC
Size	M30
Mounting type	with lock nut
Tightening torque	75 Nm
Type of installation	Semi-flush
Product weight	194 g
Material housing	Brass PBT Chromed-plated
Operating status display	Yellow LED
Ambient temperature with flexible cable installation	0 ... 80 °C
Protection class	IP67
Interference immunity to magnetic fields	DC and AC magnetic field
Corrosion resistance classification CRC	2 - Moderate corrosion stress