proximity sensor
SIED-M30B-ZS-K-L
Part number: 538288

With cable, flush mounting
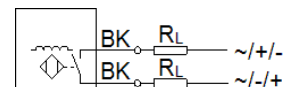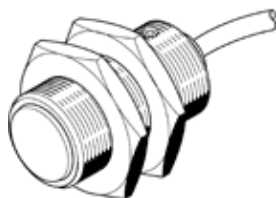
Data sheet

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
	to EU directive low-voltage devices
Measuring principle	Inductive
Nominal switching distance	10 mm
Guaranteed switching distance	8.1 mm
Reduction factors	Aluminium = 0.4
	Stainless steel, St 18/8 = 0.7
	Copper = 0.3
	Brass = 0.4
	Steel, St 37 = 1.0
Ambient temperature	-25 ... 85 °C
Repetition accuracy	0.3 mm
Switch output	Non-contacting 2-wire
Switching element function	Normally open contact
Hysteresis	0.05 ... 2.2 mm
Max. switching frequency, DC	200 Hz
Max. switching frequency, AC	25 Hz
Max. output current	300 mA
Voltage drop	<= 8 V
Minimum load current	5 mA
Short circuit strength	No
Operating voltage range AC	20 ... 265 V
Operating voltage range DC	20 ... 320 V
Line frequency	50 Hz
Idle current	<= 1.5 mA
Polarity protected	for all electrical connections
Electrical connection	2-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	30 Nm
Type of installation	flush
Product weight	190 g
Material housing	Brass
	PA
	Nickel plated
Operating status display	Yellow LED
Ambient temperature with flexible cable installation	-5 ... 50 °C
Protection class	IP67
Corrosion resistance classification CRC	1 - Low corrosion stress
PWIS conformity	VDMA24364-B2-L