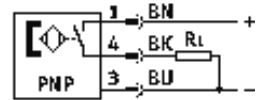
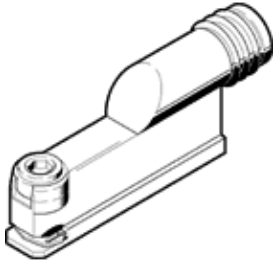


Proximity Sensor SMT-8-SL-PS-LED-24

Part number: 531145

FESTO

Electrical, contactless, PNP, for drive units with 8 mm sensor slot, with M8 plug.



Data sheet

Feature	Value
Operating voltage range DC	10 ... 30 V
Switch output	PNP
Switching element function	Normally open contact
Max. output current	200 mA
Electrical connection	Plug M8x1 3-pin
Design	for T-slot
Conforms to standard	EN 60947-5-2
Short circuit strength	Yes
Measuring principle	Inductive
Polarity protected	for all electrical connections
Operating status display	Yellow LED
Switch-off time	≤ 0.5 ms
Switch-on time	≤ 0.5 ms
Max. switching frequency	1,000 Hz
Insulation voltage	50 V
Max. contact rating DC	6 W
Residual current	≤ 0.1 mA
Voltage drop	≤ 1.8 V
Overload withstand capability	Available
Degree of contamination	3
CE mark (see declaration of conformity)	to EU directive for EMC
Protection class	IP65 IP67
Ambient temperature	-25 ... 70 °C
Authorisation	C-Tick
Max. tightening torque	0.2 Nm
Product weight	5 g
Reproducibility of switching value	+/- 0,1 mm
Connector exit direction	axial
Mounting type	Clamped in T-slot Insertable into slot lengthwise
Materials note	Free of copper and PTFE Conforms to RoHS
Materials information, housing	Brass PA High alloy steel, non-corrosive Chromed-plated