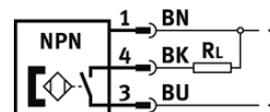


Proximity Sensor SMT-8-NS-S-LED-24-B

Part number: 171181

FESTO

Electric, contactless, NPN, for drives with T-slot, with M8 plug.



Data sheet

Feature	Value
Design	for T-slot
Conforms to standard	EN 60947-5-2
Authorisation	C-Tick
CE mark (see declaration of conformity)	to EU directive for EMC
Materials note	Free of copper and PTFE
Measuring principle	Magnetostrictive
Ambient temperature	-20 ... 60 °C
Switch output	NPN
Switching element function	Normally open contact
Reproducibility of switching value	+/- 0,1 mm
Switch-on time	≤ 1 ms
Switch-off time	≤ 0.8 ms
Max. output current	100 mA
Max. contact rating DC	3 W
Voltage drop	≤ 1.5 V
Residual current	0.002 mA
Short circuit strength	Yes
Overload withstand capability	Available
Operating voltage range DC	10 ... 30 V
Polarity protected	for all electrical connections
Electrical connection	Cable with plug M8x1 3-pin
Connector exit direction	axial
Cable length	0.3 m
Materials information, cable sheaths	PUR
Mounting type	Clamped in T-slot Insertable into slot lengthwise
Tightening torque	0.2 Nm
Product weight	10 g
Materials information, housing	Brass TPE-U(PU) High alloy steel, non-corrosive Nickel plated
Operating status display	Yellow LED
Ambient temperature	-5 ... 60 °C
Protection class	IP65 IP67