

Proximity Sensor SMT-10-PS-SQ-LED-24

Part number: 173221

FESTO

Electrical, contactless, PNP, for drive units with 10 mm sensor slot,
with M8 plug.



Data sheet

Feature	Value
Design	for round 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	PNP
Switching element function	Normally open contact
Reproducibility of switching value	+/- 0,1 mm
Switch-on time	≤ 0.2 ms
Switch-off time	≤ 0.2 ms
Max. output current	200 mA
Max. contact rating DC	6 W
Voltage drop	1.7 V
Residual current	≤ 0.01 mA
Short circuit strength	Pulsing
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	Lateral
Cable length	0.3 m
Materials information, cable sheaths	PUR
Mounting type	Clamped in round slot Insertable into slot lengthwise
Tightening torque	0.05 ... 0.1 Nm
Product weight	6 g
Materials information, housing	Nickel plated Brass PA High alloy steel, non-corrosive
Operating status display	Yellow LED
Ambient temperature	-5 ... 60 °C
Protection class	IP65 IP67
Insulation voltage	50 V
Degree of contamination	3