

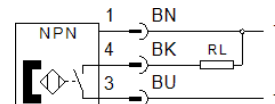
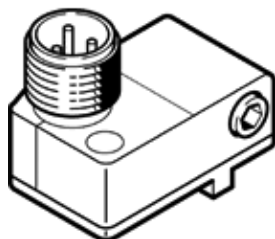
# proximity sensor SMT0-8E-NS-M12-LED-24

Part number: 171176

FESTO

Electric, contactless, NPN, for drives with T-slot, without mounting kit, with M12 plug.

Separate mounting component SMB-8E required (part no. 178230)



## Data sheet

Feature	Value
Design	for T-slot
Authorisation	RCM Mark
CE mark (see declaration of conformity)	to EU directive for EMC
Materials note	Free of copper and PTFE Conforms to RoHS
Measuring principle	Magnetostrictive
Ambient temperature	-20 ... 60 °C
Repetition accuracy	0.2 mm
Switch output	NPN
Switching element function	Normally open contact
Switch-on time	≤ 1.3 ms
Switch-off time	≤ 1.4 ms
Max. output current	100 mA
Max. contact rating DC	2.8 W
Voltage drop	≤ 1.8 V
Residual current	≤ 0.15 mA
Short circuit strength	Yes
Overload withstand capability	Available
Operating voltage range DC	10 ... 30 V
Polarity protected	for all electrical connections
Electrical connection 1, connection type	Plug
Electrical connection 1, connection technology	M12x1, A-coded in accordance with EN 61076-2-101
Electrical connection 1, number of pins/wires	3
Connector exit direction	Lateral
Max. tightening torque plug	0.5 Nm
Mounting type	Clamped in T-slot with accessories Insertable in slot from above
Tightening torque	0.5 Nm
Product weight	12 g
Material housing	Wrought Aluminium alloy TPE-U(PU) High alloy steel, non-corrosive
Operating status display	Yellow LED
Protection class	IP65 IP67