

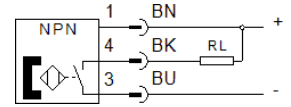
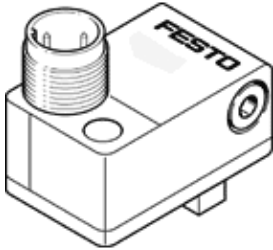
proximity sensor SMTSO-8E-NS-M12-LED-24

Part number: 175825

FESTO

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

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
Special characteristics	Welding field immune Resistant to welding spatter
Materials note	Free of copper and PTFE
Measuring principle	Magnetic inductive
Ambient temperature	-25 ... 70 °C
Repetition accuracy	0.2 mm
Switch output	NPN
Switching element function	Normally open contact
Switch-on time	≤ 38 ms
Switch-off time	≤ 20 ms
Max. output current	200 mA
Max. contact rating DC	6 W
Voltage drop	≤ 3 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	3-pin M12x1 Plug
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
Electrical connection 1, type of mounting	Screw lock
Connector exit direction	Lateral
Mounting type	Clamped in T-slot with accessories Insertable in slot from above
Max. tightening torque	0.5 Nm
Product weight	10 g
Material housing	Wrought Aluminium alloy PA PUR High alloy steel, non-corrosive
Operating status display	Yellow LED
Protection class	IP65 IP67
Interference immunity to magnetic fields	45 - 65 Hz AC magnetic field