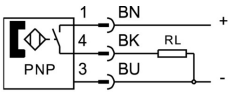
Proximity sensor
SMT-10G-PS-24V-E-0,3Q-M8D

Part number: 547863

FESTO





Data sheet

Feature	Value
Type code	SMT
Electrical connection 1, type of mounting	Screw-type lock
Electrical connection for input 1, connection pattern	00991155
Electrical connection 1, connection technology	M8x1 A-coded as per EN 61076-2-104
Electrical connection 1, connection type	Cable with plug
KC characters	KC EMC
Electrical connection 1, number of pins/wires	3
Symbol	00991153
Certification	RCM compliance mark c UL us - Listed (OL)
CE marking (see declaration of conformity)	As per EU EMC directive
Note on materials	RoHS-compliant
Measuring principle	Magneto-resistive
Ambient temperature	-20 °C ... 70 °C
Switching output	PNP
Switching element function	N/O contact
Reproducibility of switching value	0.2 mm
Max. output current	100 mA
Max. switching capacity DC	2.8 W
Short-circuit protection	yes
Overload protection	Available
DC operating voltage range	10 V ... 30 V
Reverse polarity protection	for all electrical connections
Connection outlet orientation	Transverse
Connector cable test conditions	Flexural strength: as per Festo standard Test conditions on request Cable chain: 5 million cycles, bending radius 28 mm Torsional resistance: › 300 000 cycles, ±270°/0.1 m
Cable length	0.3 m
Cable characteristic	Suitability for energy chains/robot applications
Material of cable sheath	TPE-U(PU)
Type of mounting	Clamped in round slot Can be inserted in slot lengthwise
Housing material	PA-reinforced
Ambient temperature with flexible cable installation	-5 °C ... 70 °C
Degree of protection	IP65 IP68