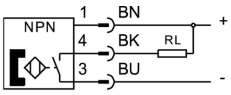
Proximity sensor
SMTO-8E-NS-M12-LED-24

Part number: 171176





Data sheet

Feature	Value
Type code	SMTO
Electrical connection for input 1, connection pattern	00995573
Electrical connection 1, connection technology	M12x1 A-coded as per EN 61076-2-101
Electrical connection 1, connection type	Plug
Repetition accuracy	0.2 mm
Electrical connection 1, number of pins/wires	3
Design	for T-slot
Symbol	00991150
Certification	RCM compliance mark
CE marking (see declaration of conformity)	As per EU EMC directive
Note on materials	Free of copper and PTFE RoHS-compliant
Measuring principle	Magneto-resistive
Ambient temperature	-20 °C ... 60 °C
Switching output	NPN
Switching element function	N/O contact
On time	≤1.3 ms
Switch-off time	≤1.4 ms
Max. output current	100 mA
Max. switching capacity DC	2.8 W
Voltage drop	≤1.8 V
Residual current	≤0.15 mA
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
Max. tightening torque plug	0.5 Nm
Type of mounting	Clamped in T slot With accessories Can be inserted in slot from above
Tightening torque	0.5 Nm
Product weight	12 g
Housing material	Wrought aluminum alloy TPE-U(PU) High-alloy stainless steel
Switching status indication	LED yellow

Feature	Value
Degree of protection	IP65 IP67