Proximity sensor
SME-8-K-LED-230
Part number: 152820
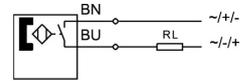
Data sheet

Feature	Value
Type code	SME
Electrical connection 1, connection technology	Open end
Electrical connection 1, connection type	Cable
Electrical connection 1, number of pins/wires	2
Design	for T-slot
Conforms to standard	EN 60947-5-2
Symbol	00991624
Certification	RCM compliance mark CCC
CE marking (see declaration of conformity)	As per EU EMC directive As per EU low voltage directive
Note on materials	Free of copper and PTFE RoHS-compliant
Measuring principle	Magnetic reed
Ambient temperature	-30 ℃ ... 60 ℃
Switching output	Contact-based, bipolar
Switching element function	N/O contact
Reproducibility of switching value	+/- 0.1 mm
On time	2 ms
Switch-off time	0.03 ms
Max. switching frequency	500 Hz
Max. output current	120 mA
Min. switching capacity AC	10 VA
Max. switching capacity DC	10 W
Voltage drop	≤3.9 V
Residual current	0 mA
Short-circuit protection	no
Overload protection	Not available
Operating voltage range AC	3 V ... 230 V
DC operating voltage range	3 V ... 230 V
Reverse polarity protection	no
Connection outlet orientation	Longitudinal
Cable length	2.5 m
Material of cable sheath	TPE-U(PUR)
Type of mounting	Clamped in T slot Can be inserted in slot lengthwise
Tightening torque	0.2 Nm

Feature	Value
Product weight	39 g
Housing material	Epoxy resin High-alloy stainless steel PET
Switching status indication	LED yellow
Ambient temperature with flexible cable installation	-5 ºC ... 60 ºC
Degree of protection	IP68
Surge resistance	4 kV
Contamination level	3