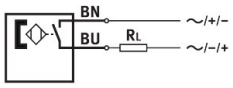
Proximity sensor
SME-8-K-LED-230

Part number: 152820





Data sheet

Feature	Value
Design	For T-slot
Conforms to standard	EN 60947-5-2
Approval	CCC RCM trademark
CE mark (see declaration of conformity)	To EU EMC Directive To EU Low Voltage Directive In accordance with EU RoHS Directive
UKCA marking (see declaration of conformity)	To UK instructions for EMC To UK RoHS instructions To UK regulations for electrical equipment
Note on materials	RoHS-compliant
Instructions on use	Support / actuator-sensor overview "The right sensor for the actuator"
Measured variable	Position
Measuring principle	Magnetic reed
Ambient temperature	-30 °C...60 °C
Repetition accuracy	0.2 mm
Switching output	Contacting, bipolar
Switching element function	N/O contact
Reproducibility of switching value	+/-0.1 mm
Switch-on time	2 ms
Switch-off time	0.03 ms
Max. switching frequency	500 Hz
Max. output current	120 mA
Max. switching capacity AC	10 VA
Max. switching capacity DC	10 W
Voltage drop	3.9 V
Inductive protective circuit	Adapted to MZ, MY, ME coils
Min. load current	5 mA
Off-state current	0 mA
Short circuit current rating	no
Overload protection	Not available
Operational voltage range AC	3 V...230 V
Operational voltage range DC	3 V...230 V

Feature	Value
Reverse polarity protection	no
Electrical connection 1, connection type	Cable
Electrical connection 1, connector system	Open end
Electrical connection 1, number of connections/cores	2
Connection outlet orientation	In-line
Cable length	2.5 m
Cable sheath colour	Grey
Material cable sheath	TPE-U(PUR)
Type of mounting	Clamped in T-slot Insertable in the slot lengthwise
Tightening torque	0.2 Nm
Mounting position	optional
Product weight	39 g
Housing colour	Black
Material housing	Epoxy resin PET High-alloy stainless steel
Switching status indication	Yellow LED
Ambient temperature with moving cable	-5 °C...60 °C
Degree of protection	IP68
Insulation voltage	2500 V
Immunity to surge	4 kV
Vibration resistance to DIN/IEC 68 Part 2-6	Tested to severity level 2
Continuous shock resistance to DIN/IEC 68 Part 2-82	Tested to severity level 2
LABS (PWIS) conformity	VDMA24364-B2-L
Pollution degree	3