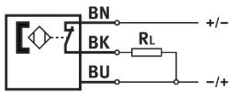
Proximity sensor
SME-8-O-K-LED-24

Part number: 160251





Data sheet

Feature	Value
Design	For T-slot
Conforms to standard	EN 60947-5-2
Approval	RCM trademark
CE mark (see declaration of conformity)	To EU EMC Directive In accordance with EU RoHS Directive
UKCA marking (see declaration of conformity)	To UK instructions for EMC To UK RoHS instructions
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	-40 °C...60 °C
Repetition accuracy	0.2 mm
Switching output	Contacting, bipolar
Switching element function	N/C contact
Switch-on time	2 ms
Switch-off time	0.2 ms
Max. switching frequency	500 Hz
Max. output current	50 mA
Max. switching capacity AC	1.5 VA
Max. switching capacity DC	1.5 W
Voltage drop	2.5 V
Short circuit current rating	no
Overload protection	Not available
Operational voltage range AC	12 V...30 V
Operational voltage range DC	12 V...30 V
Reverse polarity protection	no
Electrical connection 1, connection type	Cable
Electrical connection 1, connector system	Open end
Electrical connection 1, number of connections/cores	3
Connection outlet orientation	In-line
Cable length	7.5 m

Feature	Value
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	50 g
Housing colour	Black
Material housing	Epoxy resin PC PET High-alloy stainless steel
Switching status indication	Yellow LED
Ambient temperature with moving cable	-5 °C...60 °C
Degree of protection	IP67
Insulation voltage	50 V
Immunity to surge	0.8 kV
LABS (PWIS) conformity	VDMA24364-B2-L
Pollution degree	3