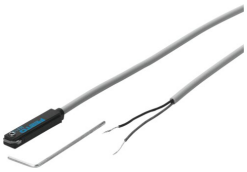
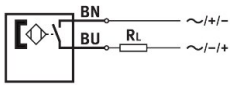
Proximity sensor
SME-8-K-24-S6

Part number: 161756





Data sheet

Feature	Value
Design	For T-slot
Conforms to standard	EN 60947-5-2
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	Only for fixed cable installation
Measured variable	Position
Measuring principle	Magnetic reed
Ambient temperature	-40 °C...120 °C
Repetition accuracy	0.2 mm
Switching output	Contacting, bipolar
Switching element function	N/O contact
Switch-on time	0.5 ms
Switch-off time	0.03 ms
Max. switching frequency	800 Hz
Max. output current	500 mA
Max. switching capacity AC	10 VA
Max. switching capacity DC	10 W
Voltage drop	0 V
Min. load current	0 mA
Short circuit current rating	no
Overload protection	Not available
Operational voltage range AC	0 V...30 V
Operational voltage range DC	0 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	2
Connection outlet orientation	In-line
Cable length	2.5 m

Feature	Value
Material cable sheath	TPE-S
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 PET High-alloy stainless steel
Ambient temperature with moving cable	-5 °C...120 °C
Degree of protection	IP67
Insulation voltage	50 V
Immunity to surge	0.8 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