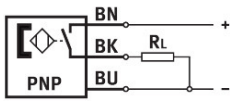
Proximity sensor
SMTO-4U-PS-K-LED-24

Part number: 152836

FESTO





General operating condition

Data sheet

Feature	Value
Design	Round
Based on standard	EN 60947-5-2
Symbol	00991152
Approval	RCM trademark
CE mark (see declaration of conformity)	To EU EMC Directive In accordance with EU RoHS Directive
CE marking (see declaration of conformity)	To UK instructions for EMC To UK RoHS instructions
Note on materials	RoHS-compliant
Measured variable	Position
Measuring principle	Magneto-inductive
Ambient temperature	-25 °C ... 70 °C
Repetition accuracy	0.2 mm
Switching output	PNP
Switching element function	N/O contact
Switch-on time	≤5 ms
Switch-off time	≤5 ms
Max. output current	200 mA
Max. switching capacity DC	6 W
Voltage drop	≤2 V
Inductive protective circuit	Integrated
Min. load current	0.1 mA
Off-state current	≤0.01 mA
Short circuit current rating	Pulsed
Overload protection	Available
Operational voltage range DC	10 V ... 30 V
Residual ripple	10 %
Reverse polarity protection	For all electrical connections
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	2.5 m
Cable characteristic	Standard
Cable sheath colour	Grey
Material cable sheath	PVC

Feature	Value
Material insulating sheath	PVC
Wire ends	Tin-plated
Type of mounting	With accessories
Max. tightening torque	0.8 Nm
Mounting position	optional
Product weight	70 g
Housing colour	Black
Material housing	PET
Switching status indication	Yellow LED
Ambient temperature with moving cable	-5 °C ... 70 °C
Degree of protection	IP67
LABS (PWIS) conformity	VDMA24364-B2-L