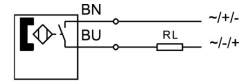


Proximity sensor SMEO-1-LED-230-K5-B

Part number: 160998

FESTO



Data sheet

Feature	Value
Type code	SMEO
Design	Block design
Conforms to standard	EN 60947-5-2
Symbol	00991624
Certification	RCM compliance mark
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
Measuring principle	Magnetic reed
Ambient temperature	-20 °C ... 70 °C
Switching output	Contact-based, bipolar
Switching element function	N/O contact
Reproducibility of switching value	+/- 0.1 mm
On time	0.5 ms
Switch-off time	0.03 ms
Max. switching frequency	500 Hz
Max. output current AC	250 mA
Max. output current DC	120 mA
Min. switching capacity AC	40 VA
Max. switching capacity DC	40 W
Voltage drop	≤4.5 V
Residual current	0 mA
Short-circuit protection	no
Overload protection	Not available
Operating voltage range AC	5 V ... 250 V
DC operating voltage range	5 V ... 200 V
Reverse polarity protection	no
Electrical connection	2-wire Cable
Connection outlet orientation	Longitudinal
Cable length	5 m
Material of cable sheath	PVC
Type of mounting	With accessories
Tightening torque	2.9 Nm
Product weight	130 g

Feature	Value
Housing material	Epoxy resin PC PET Steel TPE-O Die-cast zinc
Switching status indication	LED yellow
Ambient temperature with flexible cable installation	-5 °C ... 70 °C
Degree of protection	IP67
Surge resistance	4 kV
Contamination level	3