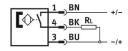# Proximity sensor
SMEO-4U-S-LED-24 B

Part number: 151526

PDF General operating condition

Data sheet

Feature	Value
Design	Round
Symbol	00991148
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
Measuring principle	Magnetic reed
Ambient temperature	-20 °C ... 60 °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 DC	10 W
Inductive protective circuit	Adapted to MZ, MY, ME coils
Short circuit current rating	no
Operational voltage range DC	12 V ... 27 V
Residual ripple	10 %
Reverse polarity protection	no
Electrical connection 1, connection type	Plugs
Electrical connection 1, connector system	M8x1, A-coded, to EN 61076-2-104
Electrical connection 1, number of connections/cores	3
Electrical connection 1, connection pattern	00991155
Type of mounting	With accessories
Mounting position	optional
Product weight	6 g
Material housing	PET
Switching status indication	Yellow LED
Degree of protection	IP67
LABS (PWIS) conformity	VDMA24364-B2-L