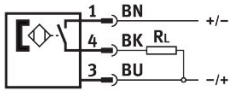
Proximity sensor
SMEO-4U-S-LED-24 B

Part number: 151526





Data sheet

Feature	Value
Design	Round
Certification	RCM compliance mark
CE marking (see declaration of conformity)	As per EU EMC directive As per EU RoHS directive
UKCA 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	Contact-based, bipolar
Switching element function	N.O. contact
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 and ME coils
Short-circuit protection	No
DC operating voltage range	12 V...27 V
Residual ripple	10%
Reverse polarity protection	No
Electrical connection 1, connection type	Plug
Electrical connection 1, connection technology	M8x1 A-coded as per EN 61076-2-104
Electrical connection 1, number of pins/wires	3
Electrical connection 1, type of mounting	Snap-locking Screw-type lock not rotatable Compatible with snap-locking Compatible with rotatable screw-type lock
Type of mounting	With accessories
Mounting position	Any
Product weight	6 g
Housing material	PET

Feature	Value
Switching status indication	Yellow LED
Degree of protection	IP67
LABS (PWIS) conformity	VDMA24364-B2-L