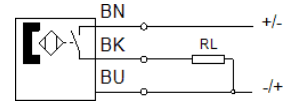
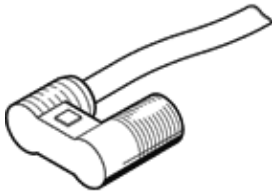


# proximity sensor SMEO-4U-K-LED-24

Part number: 36198  
Classic - do not use for new projects

FESTO

With reed contact and light-emitting diode, without mounting kit.  
Modern alternatives can be found by entering the first four characters of the type code in the search field.



## Data sheet

Feature	Value
Design	Round
Authorisation	RCM Mark
CE mark (see declaration of conformity)	to EU directive for EMC in accordance with EU RoHS directive
UKCA marking (see declaration of conformity)	To UK instructions for EMC To UK RoHS instructions
Measuring principle	Reed magnetic
Ambient temperature	-20 ... 60 °C
Repetition accuracy	0.2 mm
Switch output	with contact, bipolar
Switching element function	Normally open contact
Switch-on time	≤ 0.5 ms
Switch-off time	0.03 ms
Max. switching frequency	800 Hz
Max. output current	500 mA
Max. contact rating DC	10 W
Inductive protective circuit	Adapted to MZ-, MY-, ME coils
Short circuit strength	No
Operating voltage range DC	12 ... 27 V
Residual ripple	10 %
Polarity protected	No
Electrical connection 1, connection type	Cable
Electrical connection 1, connection technology	Open end
Electrical connection 1, number of pins/wires	3
Connector exit direction	axial
Cable length	2.5 m
Cable sheath colour	Grey
Material cable sheath	TPE-U(PUR)
Mounting type	with accessories
Assembly position	Any
Product weight	70 g
Material housing	PET
Operating status display	Yellow LED
Ambient temperature with flexible cable installation	-5 ... 60 °C
Protection class	IP67
PWIS conformity	VDMA24364-B2-L