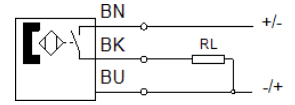
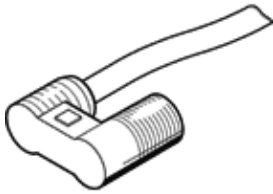


# Proximity Sensor SMEO-4U-K-LED-24

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
Authorization	RCM Mark
CE symbol (see declaration of conformity)	according to EU-EMV guideline 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 color	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