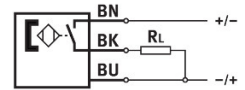


# Proximity sensor SMEO-4U-K5-LED-24

Part number: 175401

FESTO



[PDF](#) General operating condition

## Data sheet

Feature	Value
Design	Round
Symbol	00991145
Approval	RCM trademark
CE mark (see declaration of conformity)	To EU EMC Directive In accordance with 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	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	Cable
Electrical connection 1, connector system	Open end
Electrical connection 1, number of connections/cores	3
Connection outlet orientation	In-line
Cable length	5 m
Cable sheath colour	Grey
Material cable sheath	TPE-U(PUR)
Type of mounting	With accessories
Mounting position	optional
Product weight	130 g
Material housing	PET
Switching status indication	Yellow LED
Ambient temperature with moving cable	-5 °C ... 60 °C
Degree of protection	IP67

Feature	Value
LABS (PWIS) conformity	VDMA24364-B2-L