

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

Part number: 175401

FESTO



[PDF](#) General operating condition

## Data sheet

Feature	Value
Design	Round
Symbol	00991145
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 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	Cable
Electrical connection 1, connection technology	Open end
Electrical connection 1, number of pins/wires	3
Connection outlet orientation	Longitudinal
Cable length	5 m
Color cable sheath	Gray
Material of cable sheath	TPE-U(PUR)
Type of mounting	With accessories
Mounting position	Any
Product weight	130 g
Housing material	PET
Switching status indication	Yellow LED
Ambient temperature with flexible cable installation	-5 °C ... 60 °C
Degree of protection	IP67
LABS (PWIS) conformity	VDMA24364-B2-L