

## SMT-8-PS-K-LED-24

Proximity Sensor

Data sheet

Part no.: 150864

Page:1

Feature	Data/description
EU conformity (CE)	<b>CE</b>
Note on EU conformity	<b>Electromagnetic compatibility</b>
Signal processing/type of contact	<b>Inductive</b>
Function on actuation	<b>N/O contact</b>
Output potential (el. output)	<b>PNP</b>
Switching accuracy (+/-)	<b>0,2 mm</b>
Ambient temperature min. standard	<b>-20 °C</b>
Ambient temperature max. standard	<b>60 °C</b>
Correlation ambient temperature /hours	<b>Fixed cable installation</b>
Ambient temperature max. screwed-in	<b>0 °C</b>
Ambient temperature max. limited	<b>60 °C</b>
Ambient temperature class, screwed in	<b>Flexible cable installation</b>
Air connection type elec.	<b>Cable</b>
Number of cores	<b>3</b>
Core cross section	<b>0,14 mm<sup>2</sup></b>
Length of cable	<b>2500 mm</b>
Number of pins, plug connection	<b>3</b>
Operating status display	<b>Yellow LED</b>
Short-circuit strength	<b>Yes</b>
Protection against incorrect polarity	<b>integrated</b>
Material of housing	<b>PET-reinforced</b>
Material, cable sheath	<b>TPE-U(PU)</b>
CT criterion	<b>Free of copper and PTFE</b>
Product weight	<b>0,05 kg</b>
Voltage type	<b>DC</b>
Operating voltage min. (DC)	<b>10 V</b>
Operating voltage max. (DC)	<b>30 V</b>
Maximum voltage drop	<b>1,5 V</b>
Switching current max.	<b>100 mA</b>
Contact rating max. (DC)	<b>3 W</b>
Degree of protection	<b>IP67</b>