

**KB060170**
**CAPACITIVE SENSORS • NORM SWITCHING DISTANCE**

sensor capacitive, Ø6,5mm 54long, Flush, Sn: 0.1-1.5, 11-30V DC, PNP NO, Connector M8, IP65, V2A, LED


**MECHANICAL FEATURES**

Active area material of sensor	Polytetrafluorethylene (PTFE)
Ambient temperature	-10 °C ... 70 °C
Degree of protection (IP)	IP65
Design	Cylinder plain
Housing material	Stainless steel (V2A)
Mechanical mounting condition for sensor	Flush
Pressure-proof	-
Sensor diameter	6.5 mm
Sensor length	54 mm

**ELECTRICAL FEATURES**

Cascadable	-
Hysteresis	15 %
Rated control supply voltage $U_s$ at DC	11 V ... 30 V
Rated switching current	50 mA
Reverse polarity protection	+
Short-circuit protection	+
Suitable for safety functions	-
Supply voltage	11 V ... 30 V
Switching distance	1.5 mm
Switching distance	0.1 mm ... 1.5 mm
Switching frequency	100 Hz
Type of electrical connection	Connector M8
Type of switching function	Normally open contact
Type of switching output	PNP
Voltage type	DC
With LED display	+
With monitoring function of downstream devices	-

**OTHER FEATURES**

Level detection	+
-----------------	---

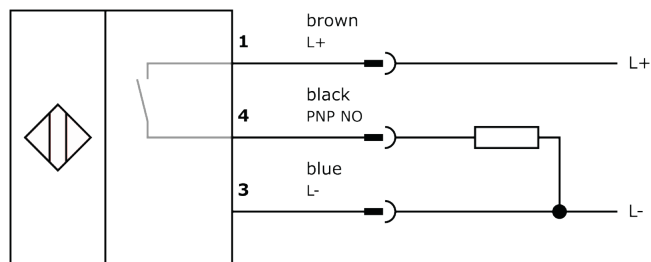
## Other

Packaging dimensions	100mm x 0.0mm x 120mm
Shipping weight	0.01kg
Tariff code	85365019

## Classification

ipf product group	240
eClass 8.0	27270102
eClass 9.0	27270102
eClass 9.1	27270102
ETIM-5.0	EC002715
ETIM-6.0	EC002715
ETIM-7.0	EC002715

## Connection



## Dimensional drawing

## Installation



Mounting / installation may only be carried out by a qualified electrician!

## Disposal



## Safety warnings

Before initial operation, please make sure to follow all safety instructions that may be provided in the product information. Never use these devices in applications where the safety of a person depends on their functionality. LED lighting systems can generate intensive UV radiation, which can damage your eyes in case of improper use. The manufacturer cannot be held responsible for damages that result from improper use or connection.