

**KB210170**
**CAPACITIVE SENSORS • NORM SWITCHING DISTANCE**

sensor capacitive, 43x12x20mm, Flush, Sn: 5, 10-30V DC, PNP NO,  
Connector M8, IP65, Brass Nickel-plated, LED


**MECHANICAL FEATURES**

Ambient temperature	-25 °C ... 75 °C
Degree of protection (IP)	IP65
Design	Cuboid
Housing coating	Nickel-plated
Housing material	Brass
Mechanical mounting condition for sensor	Flush
Pressure-proof	-
Sensor height	43 mm
Sensor length	12 mm
Sensor width	20 mm

**ELECTRICAL FEATURES**

Cascadable	-
No-load current	20 mA
Rated control supply voltage $U_s$ at DC	10 V ... 30 V
Rated switching current	200 mA
Reverse polarity protection	+
Short-circuit protection	+
Suitable for safety functions	-
Supply voltage	10 V ... 30 V
Switching distance	5 mm
Switching frequency	50 Hz
Type of electrical connection	Connector M8
Type of switching function	Normally open contact
Type of switching output	PNP
Voltage drop	1.5 V
Voltage type	DC
With LED display	+
With monitoring function of downstream devices	-

**OTHER FEATURES**

Level detection	+
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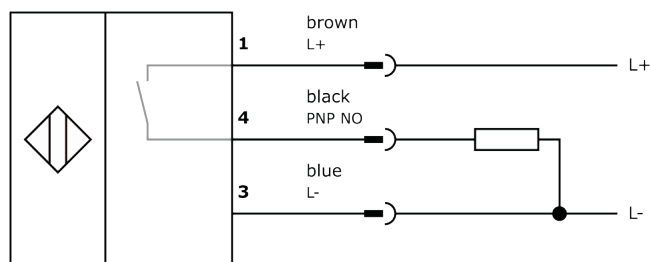
## Other

Packaging dimensions	100mm x 17.0mm x 120mm
Shipping weight	0.03kg
Tariff code	85365019

## Classification

ipf product group	243
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.