

## KB32C501

### CAPACITIVE SENSORS • NORM SWITCHING DISTANCE

sensor capacitive, M32x1.5 70long, Flush, Sn: 0.5-30, 10-35V DC, 2x PNP Anticoincidence, Cable PUR (Polyurethane), IP67, PTFE, LED



#### MECHANICAL FEATURES

Ambient temperature	-25 °C ... 70 °C
Degree of protection (IP)	IP67
Design	Cylinder, screw-thread
Housing material	Polytetrafluorethylene (PTFE)
Material of cable sheath	PUR (Polyurethane)
Mechanical mounting condition for sensor	Flush
Number of cores	4
Pressure-proof	-
Sensor length	70 mm
Teflon housing	+
Thread pitch	1.5 mm
Thread size, metric	32
Wire cross section	0.5 mm <sup>2</sup>

#### ELECTRICAL FEATURES

Cascadable	-
No-load current	15 mA
Number of switching outputs	2
Rated control supply voltage $U_s$ at DC	10 V ... 35 V
Rated switching current	250 mA
Reverse polarity protection	+
Short-circuit protection	+
Suitable for safety functions	-
Supply voltage	10 V ... 35 V
Switching distance	20 mm
Switching distance	0.5 mm ... 30 mm
Switching frequency	200 Hz
Type of electrical connection	Cable
Type of switching function	Anticoincidence
Type of switching output	PNP
Voltage drop	2 V
Voltage type	DC
With LED display	+

## ELECTRICAL FEATURES

With monitoring function of downstream devices

-

## OTHER FEATURES

Level detection

+

Level detection of synthetic granules for injection molding machines

+

## Other

Packaging dimensions

124.0mm x 35.0mm x 149.0mm

Shipping weight

0.27kg

Tariff code

85365019

## Classification

ipf product group

700

eClass 8.0

27270102

eClass 9.0

27270102

eClass 9.1

27270102

ETIM-5.0

EC002715

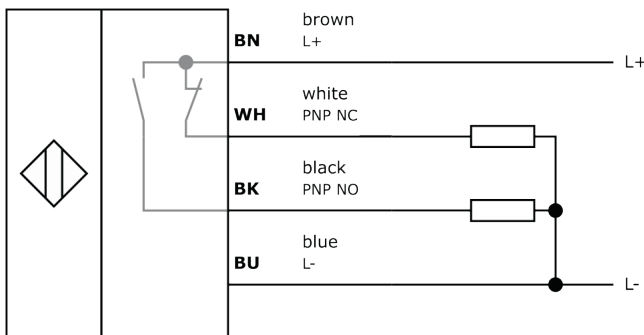
ETIM-6.0

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.

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