IPF ELECTRONIC

Data sheet **KB127000** • Subject to alteration! Version: 03.12.2020

KB127000
CAPACITIVE SENSORS • NORM SWITCHING DISTANCE

sensor capacitive, M12x1 50long, Flush, Sn: 1-5, NAMUR Amplifier,
Cable, IP67, V2A

MECHANICAL FEATURES

Ambient temperature	-25 °C ... 70 °C
Degree of protection (IP)	IP67
Design	Cylinder, screw-thread
Housing material	Stainless steel (V2A)
Mechanical mounting condition for sensor	Flush
Pressure-proof	-
Sensor length	50 mm
Thread pitch	1 mm
Thread size, metric	12

ELECTRICAL FEATURES

Cascadable	-
Suitable for safety functions	-
Switching distance	2 mm
Switching distance	1 mm ... 5 mm
Type of electrical connection	Cable
Type of switching function	Amplifier
Type of switching output	NAMUR
Voltage type	DC
With monitoring function of downstream devices	-

OTHER FEATURES

Level detection	+

Other

Packaging dimensions	124.0mm x 28.0mm x 149.0mm
Shipping weight	0.1kg
Tariff code	85365019

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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

BN — brown L+ — L+
BU — blue L- — L-
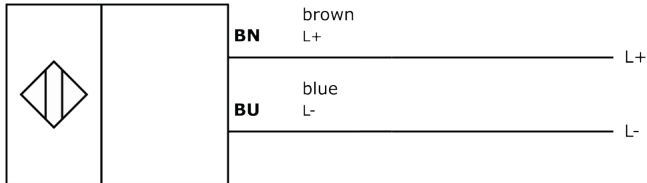
Dimensional drawing

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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