KB250100

CAPACITIVE SENSORS • NORM SWITCHING DISTANCE

sensor capacitive, 50x10x25mm, Flush, Sn: 2-8, 10-36V DC, PNP NO, Cable 1.5m PVC, IP65, PBT, LED, Manual adjustment

MECHANICAL FEATURES

Ambient temperature	-25 °C ... 75 °C
Cable length	1.5 m
Degree of protection (IP)	IP65
Design	Cuboid
Housing material	PBT
Material of cable sheath	PVC
Mechanical mounting condition for sensor	Flush
Number of cores	3
Pressure-proof	-
Sensor height	50 mm
Sensor length	10.1 mm
Sensor width	25 mm
Wire cross section	0.34 mm²

ELECTRICAL FEATURES

Cascadable	-
Hysteresis	20 %
No-load current	15 mA
Rated control supply voltage Us at DC	10 V ... 36 V
Rated switching current	200 mA
Reverse polarity protection	+
Setting procedure	Manual adjustment
Short-circuit protection	+
Suitable for safety functions	-
Supply voltage	10 V ... 36 V
Switching distance	8 mm
Switching distance	2 mm ... 8 mm
Switching frequency	25 Hz
Type of electrical connection	Cable
Type of switching function	Normally open contact
Type of switching output	PNP
Voltage drop	1.5 V
Voltage type	DC

ELECTRICAL FEATURES

With LED display	+
With monitoring function of downstream devices	-

OTHER FEATURES

Level detection	+

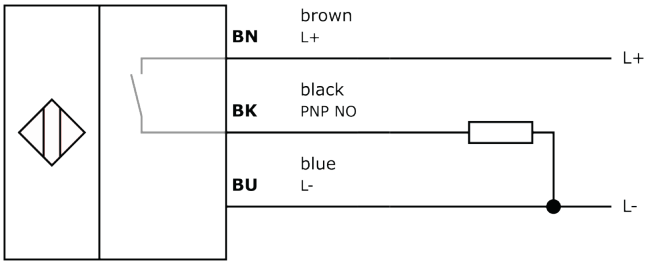
Other

Packaging dimensions	77.0mm x 25.0mm x 123.0mm
Shipping weight	0.09kg
Tariff code	85365019

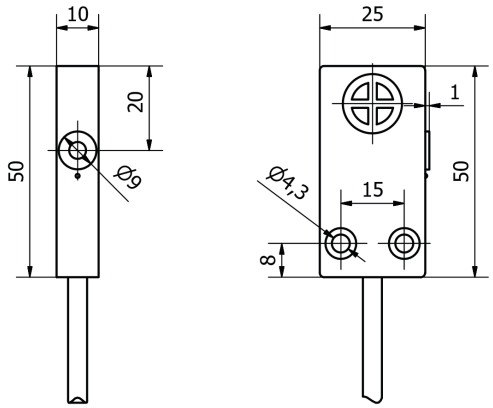
Classification

ipf product group	245
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

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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.