

KB30A645

CAPACITIVE SENSORS • NORM SWITCHING DISTANCE

sensor capacitive, M30x1.5 70long, Flush, Sn: 2-15, 20-250V AC, 20-250V DC, Two-wire NC, Cable 2m PVC, IP67, Brass, LED, Manual adjustment



MECHANICAL FEATURES

Active area material of sensor	PPO
Ambient temperature	-25 °C ... 70 °C
Cable length	2 m
Degree of protection (IP)	IP67
Design	Cylinder, screw-thread
Housing material	Brass
Material of cable sheath	PVC
Mechanical mounting condition for sensor	Flush
Number of cores	3
Pressure-proof	-
Sensor length	70 mm
Thread pitch	1.5 mm
Thread size, metric	30
Wire cross section	0.75 mm ²

ELECTRICAL FEATURES

Cascadable	-
No-load current	3 mA
Rated control supply voltage U_s at AC 50HZ	20 V ... 250 V
Rated control supply voltage U_s at DC	20 V ... 250 V
Rated switching current	330 mA
Setting procedure	Manual adjustment
Suitable for safety functions	-
Supply voltage	20 V ... 250 V
Switching distance	10 mm
Switching distance	2 mm ... 15 mm
Switching frequency	25 Hz
Type of electrical connection	Cable
Type of switching function	Normally closed contact
Type of switching output	Two-wire
Voltage drop	6 V
Voltage type	AC/DC
With LED display	+

ELECTRICAL FEATURES

With monitoring function of downstream devices -

OTHER FEATURES

Level detection	+
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Other

Packaging dimensions	124.0mm x 35.0mm x 149.0mm
Shipping weight	0.22kg
Tariff code	85365080

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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