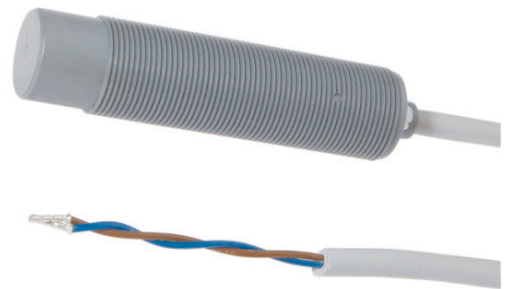


## KN18E014

### CAPACITIVE SENSORS • NORM SWITCHING DISTANCE

sensor capacitive, M18x1 70long, Non-flush, Sn: 1-10, 20-250V AC, 20-250V DC, Two-wire NO, Cable 2m PVC, IP67, PA, LED



#### MECHANICAL FEATURES

Active area material of sensor	PA
Ambient temperature	-25 °C ... 70 °C
Cable length	2 m
Degree of protection (IP)	IP67
Design	Cylinder, screw-thread
Housing material	PA
Material of cable sheath	PVC
Mechanical mounting condition for sensor	Non-flush
Number of cores	2
Pressure-proof	-
Sensor length	70 mm
Thread pitch	1 mm
Thread size, metric	18
Wire cross section	0.34 mm <sup>2</sup>

#### ELECTRICAL FEATURES

Cascadable	-
No-load current	2.5 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	200 mA
Suitable for safety functions	-
Supply voltage	20 V ... 250 V
Switching distance	8 mm
Switching distance	1 mm ... 10 mm
Switching frequency	25 Hz
Type of electrical connection	Cable
Type of switching function	Normally open contact
Type of switching output	Two-wire
Voltage type	AC/DC
With LED display	+
With monitoring function of downstream devices	-

## OTHER FEATURES

Level detection	+
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## Other

Packaging dimensions	70mm x 40mm x 125.0mm
Shipping weight	0.12kg
Tariff code	85365080

## 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



## Software

Any software, drivers or IODD files that may be required to operate your device can be downloaded free of charge from our homepage: [www.ipf-electronic.com](http://www.ipf-electronic.com)

## 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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