

## KN344107

### CAPACITIVE SENSORS • NORM SWITCHING DISTANCE

sensor capacitive, Ø34mm 81long, Non-flush, Sn: 6-30, 20-250V AC,  
Two-wire NO, Cable 2m PVC, IP67, PBT, LED, Manual adjustment



#### MECHANICAL FEATURES

Active area material of sensor	PA 6.6 (synthetic)
Ambient temperature	-25 °C ... 70 °C
Cable length	2 m
Degree of protection (IP)	IP67
Housing design	Cylinder plain
Housing material	PBT
Material of cable sheath	PVC
Mechanical mounting condition for sensor	Non-flush
Number of cores	2
Pressure-proof	-
Sensor diameter	34 mm
Sensor length	81 mm

#### ELECTRICAL FEATURES

Cascadable	-
Correction factor (glass)	0.6
Correction factor (oil)	0.5
Correction factor (PVC)	0.5
Correction factor (wood)	0.6
Hysteresis	15 %
Min. output current	5 mA
No-load current	15 mA
Rated control supply voltage $U_s$ at AC 50HZ	20 V ... 250 V
Rated switching current	300 mA
Setting procedure	Manual adjustment
Suitable for safety functions	-
Supply voltage	20 V ... 250 V
Switching distance	30 mm
Switching distance	6 mm ... 30 mm
Switching frequency	15 Hz
Type of electrical connection	Cable
Type of switching function	Normally open contact
Type of switching output	Two-wire

## ELECTRICAL FEATURES

Voltage drop	10 V
Voltage type	AC
With LED display	+
With monitoring function of downstream devices	-

## OTHER FEATURES

Level detection	+
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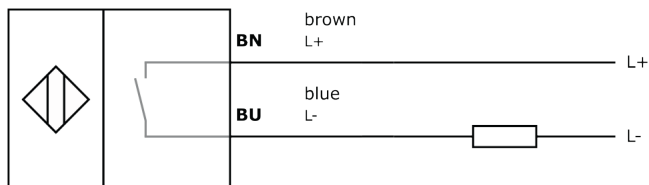
## Other

Packaging dimensions	74.0mm x 74.0mm x 143.0mm
Shipping weight	0.24kg
Tariff code	85365080

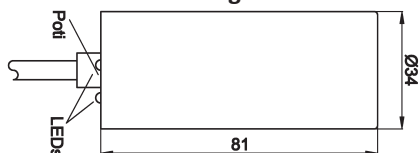
## Classification

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.