KN340107

CAPACITIVE SENSORS • NORM SWITCHING DISTANCE

sensor capacitive, Ø34mm 81long, Non-flush, Sn: 6-30, 10-60V DC, PNP 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
Design	Cylinder plain
Housing material	PBT
Material of cable sheath	PVC
Mechanical mounting condition for sensor	Non-flush
Number of cores	3
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 %
No-load current	20 mA
Rated control supply voltage Us at DC	10 V ... 60 V
Rated switching current	400 mA
Reverse polarity protection	+
Setting procedure	Manual adjustment
Short-circuit protection	+
Suitable for safety functions	-
Supply voltage	10 V ... 60 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

ELECTRICAL FEATURES

Type of switching output	PNP
Voltage drop	3 V
Voltage type	DC
With LED display	+
With monitoring function of downstream devices	-

OTHER FEATURES

Level detection	+

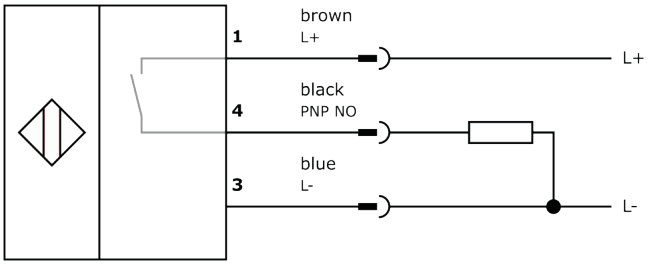
Other

Packaging dimensions	74.0mm x 74.0mm x 143.0mm
Shipping weight	0.26kg
Tariff code	85365019

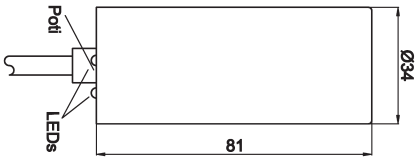
Classification

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

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.