

KN98C161

CAPACITIVE SENSORS • NORM SWITCHING DISTANCE

sensor capacitive, Ø50mm 70long, Non-flush, Sn: 1-50, 10-35V DC, PNP Anticoincidence, Connector M12, IP67, LED, Manual adjustment



MECHANICAL FEATURES

Active area material of sensor	PEEK
Ambient temperature	-25 °C ... 70 °C
Degree of protection (IP)	IP67
Housing design	Cylinder plain
Mechanical mounting condition for sensor	Non-flush
Pressure-proof	-
Sensor diameter	50 mm
Sensor length	70 mm

ELECTRICAL FEATURES

Cascadable	-
No-load current	15 mA
Rated switching current	250 mA
Residual ripple	10 %
Reverse polarity protection	+
Setting procedure	Manual adjustment
Short-circuit protection	+
Suitable for safety functions	-
Supply voltage	10 V ... 35 V
Switching distance	50 mm
Switching distance	1 mm ... 50 mm
Switching frequency	100 Hz
Type of electrical connection	Connector M12
Type of switching function	Anticoincidence
Type of switching output	PNP
Voltage drop	2 V
Voltage type	DC
With LED display	+
With monitoring function of downstream devices	-

OTHER FEATURES

Level detection	+
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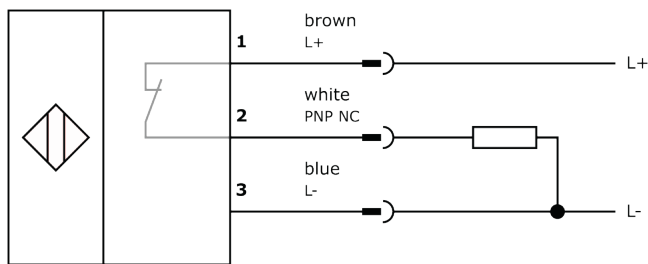
Other

Packaging dimensions	76.0mm x 50mm x 121.0mm
Shipping weight	0.21kg
Tariff code	85365019

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



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

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.