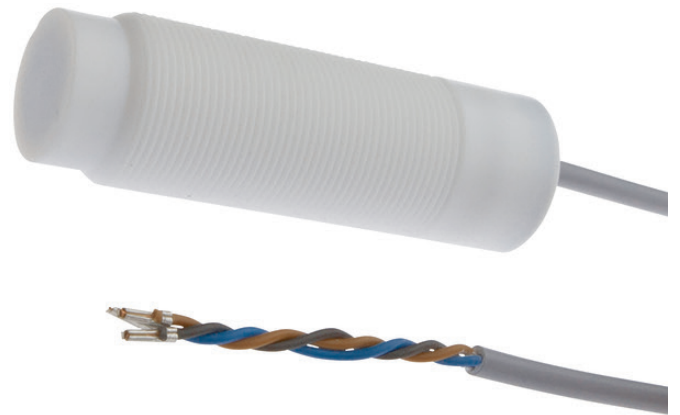


## FK300100

### FILLING LEVEL SENSORS • CAPACITIVE

sensor filling level, Capacitive, M30x1.5 95long, 10-55V DC, PNP NO,  
Cable 3pin 2m PVC, IP67, PTFE, Manual adjustment



#### MECHANICAL FEATURES

Ambient temperature	-25 °C ... 75 °C
Cable length	2 m
Degree of protection (IP)	IP67
Housing design	Cylinder, screw-thread
Housing material	PTFE
Material of cable sheath	PVC
Number of cores	3
Sensing element material	PTFE
Sensor diameter	26 mm
Sensor length	95 mm
Thread length	65 mm
Thread pitch	1.5 mm
Thread size, metric	30
Wire cross section	0.5 mm <sup>2</sup>

#### ELECTRICAL FEATURES

No-load current	4 mA
Number of contacts as normally open contact	1
Number of pins	3
Physical measurement principle	Capacitive
Rated control supply voltage $U_s$ at DC	10 V ... 55 V
Rated switching current	400 mA
Response sensitivity, adjustable	+
Reverse polarity protection	+
Setting procedure	Manual adjustment
Short-circuit protection	+
Switching frequency	10 Hz
Type of electrical connection	Cable
Type of switching function	Normally open contact
Type of switching output	PNP
Voltage drop	1 V
Voltage type for actuation	DC
With LED display	+

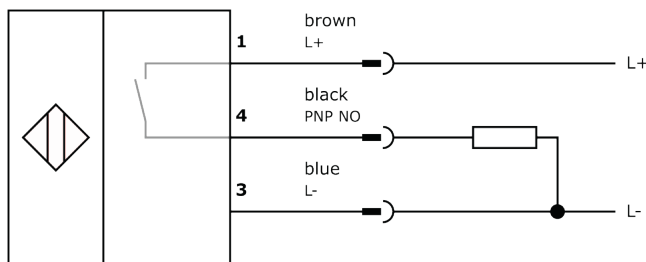
## Other

Packaging dimensions	76.0mm x 50mm x 121.0mm
Shipping weight	0.23kg
Tariff code	85365019

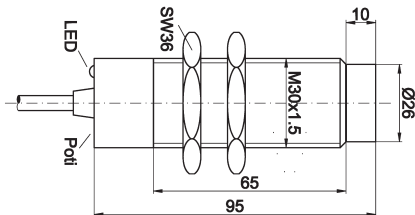
## Classification

ipf product group	350
eClass 8.0	27371813
eClass 9.0	27371813
eClass 9.1	27371813
ETIM-5.0	EC001447
ETIM-6.0	EC001447
ETIM-7.0	EC001447

## 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.

