

## FM910321

### FILLING LEVEL SENSORS • GUIDED MICROWAVE

sensor filling level, Microwave, 3/4 inch 630long, G3/4 inch, 20-27V DC, PNP Programmable/configurable, Connector M12 4pin, IP67, V4A, probe 1x Ø16mm 500long, Parameterization



#### MECHANICAL FEATURES

Ambient temperature (MAX)	70 °C
Degree of protection (IP)	IP67
Design	Special construction
Housing material	Stainless steel 1.4571
Medium temperature (MAX)	80 °C
Pressure resistance	10 bar
Probe diameter	16 mm
Probe length	500 mm
Sensing element material	Stainless steel 1.4571
Sensor length	630 mm
Thread length	17 mm
Thread size, inches	3/4 inch
Type of process connection	G3/4 inch

#### ELECTRICAL FEATURES

No-load current	45 mA
Number of pins	4
Number of probes	1
Physical measurement principle	Microwave
Rated control supply voltage Us at DC	20 V ... 27 V
Rated switching current	200 mA
Response sensitivity, adjustable	+
Reverse polarity protection	+
Setting procedure	Parameterization
Short-circuit protection	+
Switching frequency	5 Hz
Type of electrical connection	Connector M12
Type of switching function	Programmable/configurable
Type of switching output	PNP
Voltage drop	2 V
Voltage type for actuation	DC
With LED display	+

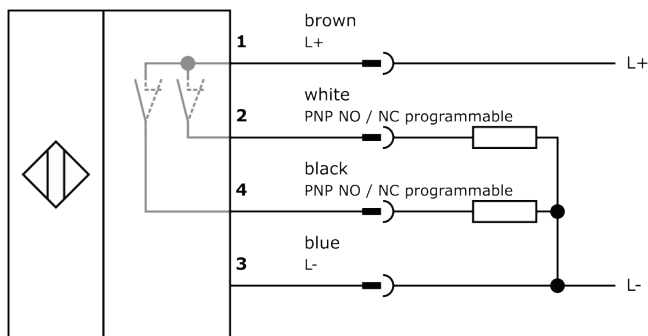
## Other

Packaging dimensions	100mm x 80mm x 700mm
Shipping weight	0.96kg
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.