FI520150
FILLING LEVEL SENSORS • INDUCTIVE

sensor filling level, Inductive, 21x14x60mm, pendulum 200mm, 10-30V DC, 120°C, PNP NO, Cable 3pin, housing Polyamid, joint Plastic, pendulum Stainless steel

MECHANICAL FEATURES

	EV000294
	EV000139
Ambient temperature	0 °C ... 120 °C
Degree of protection (IP)	IP65
Depth	14 mm
Height	21 mm
Housing design	Cuboid
Housing material	Polyamide
Increased ambient temperatures > 80°C	+
Number of cores	3
Pendulum length	200 mm
Sensing element material	Plastic
Sensor height	21 mm
Sensor length	14 mm
Sensor width	60 mm
Width	60 mm
Wire cross section	0.14 mm²
With plastic joint / plastic pendulum	+

ELECTRICAL FEATURES

No-load current	15 mA
Number of contacts as normally open contact	1
Number of pins	3
Operating voltage	24 V
Physical measurement principle	Inductive
Rated control supply voltage Us at DC	10 V ... 30 V
Rated switching current	50 mA
Response sensitivity, adjustable	-
Reverse polarity protection	+
Short-circuit protection	+
Type of electrical connection	Cable
Type of switching function	Normally open contact
Type of switching output	PNP

ELECTRICAL FEATURES

Voltage drop	2 V
Voltage type for actuation	DC
With LED display	-

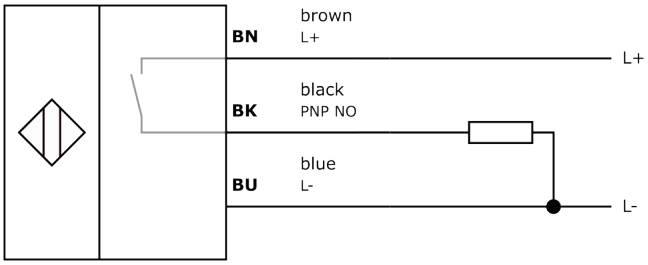
Other

Packaging dimensions	230mm x 61.0mm x 290mm
Shipping weight	0.24kg
Tariff code	85365019

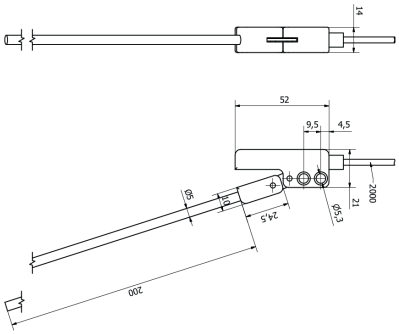
Classification

ipf product group	351
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

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.