

PRECIPITATION MEASURING TECHNOLOGY

Precipitation Monitor

Part number: 5.4103.10.x00

It can be used for status report, or as signal transmitter for the control of rain protection devices, such as windows, awnings, or Venetian blinds. The precipitation is detected opto-electronically via a measuring area of approx. 25 cm².

A relay-contact signals the state of precipitation. (Precipitation yes/no). Integrated heating avoids snow covering or freezing of the instrument during winter operation.

Delivery including mast holder, which can be used for wall mounting as well.



Specification

Part number: 5.4103.10.x00

Precipitation	
Collecting area	25 cm ²
Meas. principle	optical, infrared photo sensor
Particle size	> 0.2 mm
Data output digital	
Output type	Precipitation yes / no
Electr. output	single-pole double throw switch
Switch-on condition	1 ... 15 incid. within 50s adjustable
Switch-off condition	25 ... 375 s in 25 s steps adjustable
Operating voltage	
Electronic	24 V AC/DC ±15%
Current consumption	ca. 70 mA
Heating	max. 1 A
General	
Ambient temp.	-30 ... +60 °C
Protection	IP 65
Dimension	130 x 140 x 40 mm
Weight	0.4 kg

Versions



As per 5.4103.10.x00, but:

Product number 5.4103.10.000

Data output digital

Contact load	max. 230 V AC/DC, 4 A
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General

Electr. connection	Cable gland
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Product number 5.4103.10.700

Data output digital

Contact load	max. 60 V AC/DC, 4 A
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General

Electr. connection	Plug connection
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Product number 5.4103.11.000

Precipitation

Measuring range	Reliability of Relay Function of the heating current consumption
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Data output digital

Contact load	max. 230 V AC/DC, 4 A
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General

Electr. connection	Cable gland
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Accessories

Product	Product name	Brief description
	Peg complete 506350	Adapting of measuring value transmitters for traverse compact.
		General
	Material	POM
	Dimension	Ø 40 x 65 mm
	Weight	0.1 kg

