

PRECIPITATION MEASURING TECHNOLOGY

Precipitation Sensor

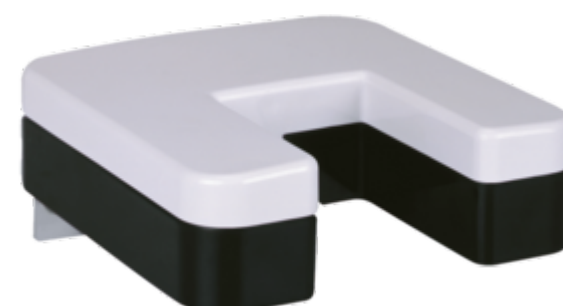
Part number: 5.4103.20.x41

Herefrom, control- and warning signals can be derived. The precipitation is detected opto-electronically via a measuring area of approx. 25 cm².

Output of the measuring signal as intensity-dependent analogue value.

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: 5.4103.20.x41

Precipitation

Measuring range general	0 ... 10 mm/min
Collecting area	25 cm ²
Meas. principle	optical, infrared photo sensor
Particle size	> 0.2 mm

Data output analog

Type	4.0 ... 8.0 mA (0 ... 0.01 mm/min.) 8.0 ... 12.0 mA (0.01 ... 0.1 mm/min.) 12.0 ... 16.0 mA (0.1 ... 1.0 mm/min.) 16.0 ... 20.0 mA (1.0 ... 10 mm/min.)
Output type	Precipitation intensity

Operating voltage

Electronic	24 V AC/DC ±15%
Current consumption	ca. 90 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 5.4103.20.x41, but:

Product number 5.4103.20.041

General


Electr. connection	Cable gland
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Product number 5.4103.20.741

General

Electr. connection	Plug connection
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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