

# PRECIPITATION MEASURING TECHNOLOGY

## Precipitation Sensor

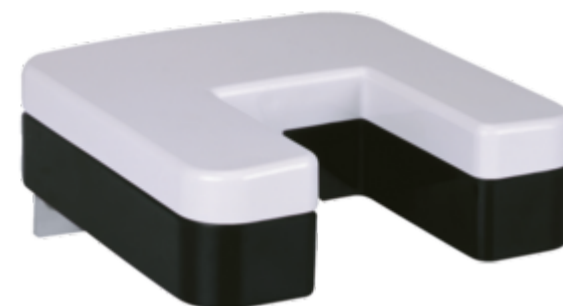
**Part number: 5.4103.20.x41**

Herefrom, control- and warning signals can be derived. The precipitation is detected opto-electronically via a measuring area of approx. 25 cm<sup>2</sup>.

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 <sup>2</sup>
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**

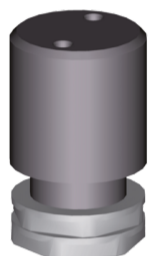
Electr. connection	Cable gland
--------------------	-------------

Product number 5.4103.20.741

**General**

Electr. connection	Plug connection
--------------------	-----------------

## Accessories

Product	Product name	Brief description						
	Peg complete 506350	Adapting of measuring value transmitters for traverse compact.  <b>General</b> <table border="1"> <tr> <td>Material</td> <td>POM</td> </tr> <tr> <td>Dimension</td> <td>Ø 40 x 65 mm</td> </tr> <tr> <td>Weight</td> <td>0.1 kg</td> </tr> </table>	Material	POM	Dimension	Ø 40 x 65 mm	Weight	0.1 kg
Material	POM							
Dimension	Ø 40 x 65 mm							
Weight	0.1 kg							