

Precipitation

Model Brief Description

Precipitation Transmitter

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- pulse output
- with intensity-dependent linearization

Instrument serves as sensor for quantity and intensity of precipitation, for the digital transmission of measuring values.

The measuring principle is in accordance to the "Guide to Meteorological Instruments No 8" of the WMO.

The tips of a tipping bucket are detected by a contact, and are output as pulses for further procession via an electronics.

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- pulse output
- with intensity-dependent linearization

This precipitation transmitter has an additional heating for the casing, and is therefore wellsuited particularly for the use in mountains.

Order No.

5.4032.35.007
.008

5.4032.45.008

Technical Data

Heating	none
Heating	48.5 W; 24 V AC/DC
Collecting area	200 cm ²
Resolution	0.1 mm NS
Intensity	max. 11 mm / min.
Meas. principle	tipping bucket
Electr. output	pulses
Ambient temp.	-25 ... +60 °C w. heat. 0 ... +60 °C w/o heat.
Supply Electronics	5 ... 24 V DC (2-leads-circuit)
Heating	24 V AC/DC
Housing	stainless steel
Mounting	onto mast Ø 50 mm
Dimensions	Ø 186 x 445 mm
Weight	3.3 kg

Heating	113.5 W; 24 V AC/DC
Collecting area	200 cm ²
Resolution	0.1 mm NS
Intensity	max. 11 mm / min.
Meas. principle	tipping bucket
Electr. output	Pulses
Ambient temp.	-25 ... +60 °C w. heat.
Supply Electronics	5 ... 24 V DC (2-leads-circuit)
Heating	24 V AC/DC
Housing	stainless steel
Mounting	onto mast Ø 50 mm
Dimensions	Ø 197 x 445 mm
Weight	3.3 kg

