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# OTT TRH

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Weather sensor for humidity and temperature



The compact, long-term stability weather sensor OTT TRH is responsible for the measurement of relative humidity and temperature. In addition it can calculate the values for absolute humidity, dew point and mixing ratio and output these via the SDI-12 interface. A protective cap prevents dust and dirt from entering the sensor system. The included protective housing provides weather and radiation protection.

**Parameters measured:** Air temperature and relative air humidity (measured), absolute air humidity, dewpoint and mixing ratio (calculated)

**Measurement technology:** PT1000, capacitive

**Product Highlights:** Low power draw, long-term stable, suitable for extreme temperatures, protective housing included

**Interface:** SDI-12 V1.3

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## OTT TR20 Sensor

- Calculation of absolute humidity, dew point and mixing ratio in addition to output of measured values

- Long-term stable, can be used in extreme temperatures (– 40 °C to +80 °C)
- Long service life thanks to rugged and compact design; a protective cap including metal grid filter provides protection against dirt, dust and insects
- Very low power consumption
- Easy connection to SDI-12 data logger, e.g.OTT netDL via digital interface SDI-12 (protocol V1.3)

### **OTT RS7 Weather and Radiation Protection**

- Naturally vented protective housing fitted with 7 lamellae
- UV- and weather resistant plastic
- White outside coating and black inside coating for optimum protection against radiant heat
- Practical stainless steel bracket for easy installation to horizontal or vertical pipes
- Sensor is easily installed – simply insert it and tighten screw

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