

## RH+T+Tdp cable probe, 4 meters cable length, output 4-20mA

code: T3111-4

Humidity, temperature transmitter. Outdoor, indoor use.

Relative humidity, temperature sensors at probe on the cable. Measured values are also converted to other humidity interpretation: dew point temperature, absolute humidity, specific humidity, mixing ratio, specific enthalpy.

The device is supplied with T+RH probe with 4 meters cable.



### Technical data

|                                                   |                                                                                  |
|---------------------------------------------------|----------------------------------------------------------------------------------|
| TEMPERATURE SENSOR                                |                                                                                  |
| Measuring range                                   | -30 to +105 °C                                                                   |
| Accuracy                                          | ±0.4 °C                                                                          |
| Resolution                                        | 0.1 °C                                                                           |
| HUMIDITY SENSOR                                   |                                                                                  |
| Measuring range                                   | 0 to 100 % RH                                                                    |
| Accuracy                                          | ±2.5 % RH from 5 to 95 % at 23 °C                                                |
| Resolution                                        | 0.1% RH                                                                          |
| DEW POINT                                         |                                                                                  |
| Measuring range                                   | -60 to +80 °C                                                                    |
| Accuracy                                          | ±1.5 °C at ambient temperature T <25 °C and RH >30 %                             |
| Resolution                                        | 0.1 °C                                                                           |
| GENERAL TECHNICAL DATA                            |                                                                                  |
| Operating temperature                             | -30 to +80 °C                                                                    |
| Channels                                          | 1x connectable temperature+humidity probe                                        |
| Counted values                                    | dew point, absolute humidity, specific humidity, mixing ratio, specific enthalpy |
| Output                                            | 4-20 mA, galvanic isolated                                                       |
| Range of humidity sensor temperature compensation | all temperature range                                                            |
| Configuration of output                           | user adjustable from PC; measured range + value                                  |
| Power                                             | 9-30 Vdc                                                                         |
| Protection class                                  | IP65 electronics; IP40 sensors                                                   |
| Dimensions                                        | 88,5 x 145 x 39,5 mm; length/diameter of external probe 88/18 mm                 |
| External probe cable length                       | 4 meters                                                                         |
| Weight                                            | approx. 210 g                                                                    |
| Warranty                                          | 3 years                                                                          |