

## Temperature and humidity bar type probe with 4-20mA output

code: T3117



Humidity, temperature transmitter. Outdoor, indoor use. Bar type. Relative humidity, temperature sensors at 700mm stem. Measured values are also converted to other humidity interpretation: dew point temperature, absolute humidity, specific humidity, mixing ratio, specific enthalpy.

### Technical data

|   |  |
|---|--|
| TEMPERATURE SENSOR                                |  |
| Measuring range                                   | -30 to +125 °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  | internal temperature and humidity sensor   |
| 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 94 x 39,5 mm; stem length 700 mm  |
| Weight  | approx. 580 g  |
| Warranty  | 3 years  |