

Web sensor - compressed air remote thermometer hygrometer with Ethernet interface, cable 4 meters

code: T3511P-4



NO IMAGE
FOUND

Humidity, temperature transmitter. T+RH probe from hard anodized duralumin for compressed air up to 25 bars on the cable. Humidity, temperature probe on a 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.

Processing and analysis of measured data:

- online in [COMET Cloud](#)
- [COMET Database](#) software
- [integration into 3-party systems](#)

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 for dew point temperature +10°C and higher at ambient temperature +25°C ±2.0°C for dew point temperature 0°C at ambient temperature +25°C ±3.0°C for dew point temperature -10°C at ambient temperature +25°C ±6.0°C for dew point temperature -20°C at ambient temperature +25°C |
| Resolution | 0.1 °C |
| MEASURING THE MOISTURE OF COMPRESSED AIR | |
| Measuring range | up to 25 bars |
| Air flow velocity | up to 25 m/s at a pressure of 1 bar (1m/s at a pressure of 25 bar) |
| 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 | Ethernet |

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|---|--|
| Range of humidity sensor temperature compensation | all temperature range |
| Measuring interval | 2 s |
| Available temperature units | degrees Celsius, degrees Fahrenheit |
| Communication protocol | WWW, ModbusTCP, SNMPv1, SOAP, XML |
| Alarm protocols | E-mail, SNMP Trap, Syslog |
| Power | 9-30 Vdc |
| Protection class | IP30 electronics; IP40 sensors |
| Dimensions | 88,5 x 93 x 39,5 mm; length/diameter of external probe 150/18 mm |
| External probe cable length | 4 meters |
| Weight | approx. 260 g |
| Warranty | 3 years |