# Interior temperature, humidity transmitter with RS232 output




code: T3318

Ambient humidity, temperature transmitter. Indoor use.

For exacting interiors in building energy management and HVAC systems. Are designed for easy installation on ordinary KU68 wiring boxes for household switches and sockets.

## Technical data

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| TEMPERATURE SENSOR | |
| Measuring range | -10 to +50 °C |
| Accuracy | ±0.5 °C |
| Resolution | 0.1 °C |
| HUMIDITY SENSOR | |
| Measuring range | 5 to 95 % RH |
| Accuracy | ± 2,5 % RH in the range 5 to 60 % RH |
| Resolution | 0.1% RH |
| DEW POINT | |
| Measuring range | -60 to +80 °C |
| Accuracy | ±1.6°C at ambient temperature T<25°C and RH>30% |
| Resolution | 0.1 °C |
| GENERAL TECHNICAL DATA | |
| Operating temperature | -10 to +50 °C |
| Channels | internal temperature and humidity sensor |
| Counted values | dew point, absolute humidity, specific humidity, mixing ratio, specific enthalpy |
| Output | RS232 |
| Range of humidity sensor temperature compensation | all temperature range |
| Available temperature units | degrees Celsius, degrees Fahrenheit |
| Communication protocol | ModBus RTU and Advantech ADAM compatible protocol |
| Power | 9 to 30 Vdc |
| Protection class | IP20 |
| Dimensions | 88 x 106 x 33 mm |
| Weight | approx. 150 g |
| Warranty | 3 years |