# Economy  humidity and temperature transmitter with external interchangeable probe, cable 5 meters, 4-20mA outputs



code: P3116-5

Cost effective ambient temperature, relative humidity transmitter.
Outdoor, indoor use.
The P3116 transmitter with 4-20 mA current outputs is designed to measure temperature and relative humidity of air using the external probe that is part of the device.

The probe is interchangeable without calibration to a specific device and regardless of the length of the cable.

## Technical data

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| TEMPERATURE SENSOR | |
| Measuring range | -20 to +80 °C |
| Accuracy | ±0.4 °C |
| Resolution | 0.1 °C |
| HUMIDITY SENSOR | |
| Measuring range | 0 to 100 % RH |
| Accuracy | ±1.8 % RH in the range 0 to 90 %RV při 23 °C |
| Resolution | 0.1% RH |
| GENERAL TECHNICAL DATA | |
| Operating temperature | -30 to +80 °C, external probe -20 to +80 °C |
| Channels | external interchangeable temperature and humidity probe |
| Output | 4-20 mA, galvanic isolated |
| Range of humidity sensor temperature compensation | all temperature range |
| Power | 9-30 Vdc |
| Protection class | IP65 electronics; IP40 sensors |
| Dimensions | 89 x 115 x 40 mm; probe 100 x 18 mm |
| External probe cable length | 5 meters |
| Weight | approx. 150 g |
| Warranty | 3 years |