Economy humidity and temperature transmitter with external interchangeable probe, 4-20mA outputs

code: P3116

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

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	1 meter
Weight	approx. 150 g
Warranty	3 years