Web Sensor - remote thermometer hygrometer barometer with Ethernet interface



code: T7510

Ambient temperature, relative humidity, atmospheric pressure t-line Web sensor. Remote alarm.
Web Sensor with built-in temperature, relative humidity and atmospheric pressure sensors.

High precision capacitive polymer sensor ensures excellent long term calibration stability and ultimate accuracy. Dual line LCD is an advantage. Measured values are also converted to other humidity interpretation: dew point temperature, absolute humidity, specific humidity, mixing ratio and specific enthalpy.

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 +80 °C
Accuracy	±0.6 °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
ATMOSPHERIC PRESSURE SENSOR SENSOR	
Measuring range	600 to 1100 hPa
Accuracy	±1.3 hPa at 23 °C from 800 to 1100 hPa
Resolution	0.1 hPa
GENERAL TECHNICAL DATA	
Operating temperature	-30 to +80 °C
Channels	internal sensor of temperature, humidity sensor and atmospheric pressure
Counted values	dew point, absolute humidity, specific humidity, mixing ratio, specific enthalpy
Output	Ethernet

Range of humidity sensor temperature compensation	all temperature range
Measuring interval	2 s
Available temperature units	degrees Celsius, degrees Fahrenheit
Available pressure units	hPa, kPa, mbar, mmHg, inHg, inH2O, PSI, oz/in2
Communication protocol	WWW, ModbusTCP, SNMPv1, SOAP, XML
Alarm protocols	E-mail, SNMP Trap, Syslog
Power	9-30 Vdc
Protection class	IP30
Dimensions	88,5 x 147,5 x 39,5 mm; stem length 75 mm
Weight	approx. 155 g
Warranty	3 years