

Web Sensor with PoE, duct mount - remote thermometer hygrometer barometer with Ethernet interface

Art nr: T7613D



Ambient temperature, relative humidity, atmospheric pressure t-line Web sensor with Power over Ethernet feature. Remote alarm. Duct mount. PoE 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. Power over Ethernet feature according IEEE 802.3af is supported. 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](#)

Tekniska specifikationer

Relative humidity range	0 to 100%
Accuracy of relative humidity measurement	±2.5% relative humidity from 5 to 95% at 23°C
Accuracy of temperature output	±0.4°C
Maximum measuring atmospheric pressure range	600 to 1100hPa
Accuracy of atmospheric pressure	±1.3hPa at 23°C
Available atmospheric pressure units	hPa, kPa, mBar, mmHg, inHg, inH2O, PSI, oz/in2
Resolution	0.1°C, 0.1%RH, 0.1hPa
Measuring interval	2s
Available temperature units	degrees Celsius, degrees Fahrenheit
Computed values	dew point, absolute humidity, specific humidity, mixing ratio, specific enthalpy
Accuracy and range of dew point temperature output - for more details see graphs in manual	±1.5°C at ambient temperature lower than 25°C and RH>30% range -60 to +80°C
Temperature compensation of the humidity sensor	all temperature range
Temperature operating range	-20 to +60°C
IP protection	IP30 electronics, IP40 sensors
LAN connection	RJ-45 connector, 10Base-T or 100Base-TX
Communication protocols	WWW, ModbusTCP, SNMPv1, SOAP, XML
Alarm protocols	E-mail, SNMP Trap, Syslog
Configuration	T-Sensor, WWW configuration
Filtering ability of sensor cover	0.025mm - filter with stainless steel mesh
Power	Power over Ethernet according to IEEE 802.3af or 5Vdc
Power connector	co-axial, diameter 5.5 x 2.1mm
Length of the probe cable	1m, 2m or 4m optionally
Dimensions	136 x 159 x 45mm (W x H x D), stem length 150 mm
Weight	approximately 380g

Warranty	3 years
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