

T7511 -

Model: T7511

Temperature and humidity sensor

Temperature range: -40 to +80°C



The device features a large LCD display showing temperature and humidity readings.

Power supply: 9-30Vdc

Processing and analysis of measured data:

- online in [COMET Cloud](#)
- [COMET Database](#) software
- [integration into 3-party systems](#)

Model

Temperature range	0 to 100%
Temperature accuracy	±2.5% RH at 23°C
Temperature resolution	±0.4°C
Humidity range	600 to 1100hPa
Humidity accuracy	±1.3hPa at 23°C
Humidity resolution	0.1°C, 0.1%RH, 0.1hPa
Response time	2s
Power supply	9-30Vdc
Power consumption	1W
Dimensions	hPa, kPa, mbar, mmHg, inHg, inH2O, PSI, oz/in2
Operating temperature	±1.5°C RH>30% -60 to +80 °CRH>30% range -60 to +80°C
Operating humidity	0.025mm - 0.05mm
Operating pressure	-30 to +80°C
IP rating	IP30, IP40
LAN port	RJ-45 10Base-T 100Base-TX
Protocols	WWW, ModbusTCP, SNMPv1, SOAP
Alerts	E-mail (SMTP) SNMP Trap Syslog
Display	T-Sensor, WWW
Display resolution	0.025mm - 0.05mm
Display type	9-30Vdc, 1W
Display size	co-axial, 5.5 x 2.1mm
Display distance	1m, 2m or 4m
Display type	88.5 x 147.5 x 39.5mm (W x H x D), 88mm, 18mm

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