

T6640 - CO2 and Temperature Sensor



Model: T6640

CO2 sensor type: NDIR
Temperature sensor type: PT100

The CO2 sensor is a non-dispersive infrared (NDIR) sensor. The CO2 sensor is a PT100 sensor.



Possibility to [extend the measuring range](#) for an additional charge:

- Measuring range: 0 to 10 000 ppm
- Accuracy: 100 ppm + 5% of the measured value at 25 °C and 1013 hPa

Table

CO2 measuring range	0 to 2000ppm
CO2 accuracy	±(50ppm +2%) at 25°C and 1013hPa
CO2 measuring range (extended)	0 to 10000ppm ±(100ppm +5%) at 25°C and 1013hPa
CO2 accuracy (extended)	1ppm
Temperature measuring range	-20 to +60°C
Temperature accuracy	±0.1°C
IP rating	IP30
LAN	RJ-45 10Base-T/100Base-TX
Protocols	WWW, ModbusTCP, SNMPv1, SOAP
Alerts	E-mail (SMTP), SNMP Trap, Syslog
Sensors	T-Sensor, WWW
Power	Power over Ethernet according to IEEE 802.3af or 5Vdc
Connectors	co-axial, 5.5 x 2.1mm
Dimensions	136 x 202 x 45mm (W x H x D)
Weight	320g
Warranty	3 years