Sensor WiFi de temperatura para 4 sondas externas Pt1000

código: W0741



Los sensores con interfaz WiFi están diseñados para medir la temperatura con un sensor conectado (accesorios opcionales).

La comunicación con el sensor se realiza vía una red WiFi inalámbrica.

Communication with the sensor is done via a wireless WiFi network. The device allows sending measured values to the online COMET Cloud or COMET Database storage with the shortest interval of 5 minutes. The values can be displayed on integrated web pages and provided to third party systems using the Modbus TCP protocol. The measured values are displayed on the LCD display.

The device continuously evaluates the alarm limits of the measured values and in case of exceeding them, it can send an e-mail or inform by means of acoustic or optical signaling. Two alarm limits are supported for each measurement channel.

The main advantage of sensors with WiFi interface is the simplicity of deployment in places where WiFi infrastructure is already available. Just place the sensor in the desired location and connect it to the WiFi network. WiFi sensor in conjunction with COMET Cloud or COMET Database offers a comprehensive solution for monitoring and alarm without the need for a server solution on the part of the user. If necessary, however, the sensor can also be connected to third-party systems, either using the Modbus TCP protocol or by sending JSON data to an http server.
Thanks to these unique features, the WiFi sensor will find applications and a wide range of application areas.

Datos técnicos

SENSOR DE TEMPERATURA - sonda externa Pt1000	
Rango de medición	-90 a +260 °C Posibilidad de ampliar el rango de medición de -150 a +600 °C por un coste adicional
Precisión	±0,2 °C en el rango inferior a +100 °C; ±0,2 % del valor medido en el rango superior a +100 °C
Resolución	0.1 °C
DATOS TÉCNICOS GENERALES	
Temperatura de operación	-30 to +60 °C
Canales	4x sonda de temperatura externa (Pt1000), conector CINCH
Intervalo de medición	1 s
Intervalo de envío a COMET Cloud	ajustable de 5 minutos a 12 horas
Protocolos de comunicación	HTTP(S), SMTP, ModbusTCP, SNMP (v1, v2c, v3), HTTP POST, HTTP GET (JSON, XML)
Tipos de alarma	e-mail, acoustic, LED
Alimentación	5.0 to 5.4 VDC; consumption 300 mA (max. 500 mA); USB-C connector

Radio	frequency: 2.4 GHz; max. transmit power: 18 dBm; standard: 802.11 b/g/n; contain CC3220MODSF with FCC ID: Z64-CC3220MOD
Protección	IP30
Dimensiones	81 x 93 x 32 mm
Peso	115 g
Garantía	3 años