

KET-THL-210.S



Temperature, Humidity and Light Sensor for outdoor with RS485 port

- High-precision digital sensors
- High degree of protection
- RS485 ModBUS RTU interface
- Powered by low voltage

The **KET-THL-210.S** is a sensor designed for outdoor positioning thanks to the **high degree of protection** of the container and the temperature and relative humidity sensors protected from the weather, also integrates a **light sensor** for a **complete environmental monitoring**. It communicates with PLC/SCADA through the RS485 ModBUS RTU interface. The KET-THL-210.S is powered by 9 ÷ 16 VDC.

TECHNICAL FEATURES	
GENERAL SPECIFICATIONS	Protection Range: IP65 Operative Temperature: -20 ÷ +70 °C Storage Temperature: Relative Humidity:
CASE	Dimensions: 80 x 81 x 56 mm (W x H x D) Mounting: Wall mounting Material: UV resistant polycarbonate, Self-extinguishing: UL 94 V2-HB
POWER SUPPLY	Supply Voltage: 9 ÷ 16 VDC Consumption: Connectors types:
RS485 INTERFACE	Supported Protocols: ModBUS RTU Communication Rate: Isolation: Isolated Connectors types:
TEMPERATURE SENSOR	Measure Range: -40 ÷ +123.8 °C Precision: ±0.4 ÷ 25 °C Repeatability: ±0.1 °C Resolution: ±0.01 °C
HUMIDITY SENSOR	Measure Range: 0 ÷ 100%RH Precision: ±3%RH from 20 to 80%RH Repeatability: ±0.1%RH Resolution: ±0.03%RH Hysteresis: ±1%RH Long Period Stability: <0.5%RH/year
LIGHT SENSOR	Measure Range: 10 ÷ 1000 Lux Response Curve: Similar to that of the human eye

APPLICATIONS
Building management system
Data Centres and racks
Smart City
Thermoregulation

VERSIONS
KET-THL-200.S
KET-SLE-100



MAGGIORI CONTENUTI ONLINE

