



APPLICATIONS
Building management system
VERSIONS
KET-AIR-210



MAGGIORI CONTENUTI ONLINE

Presence, temperature and light environmental sensor with ModBUS interface

- Perfect integration into BEMS / BMS systems
- 12 VDC power supply
- Input for dry contact
- Suitable for wall or ceiling mounting

KET-TLP-110 is an environmental sensor capable of detecting the movement of people within a radius of about 3-4 meters. The built-in double light sensor allows you to limit the lighting of lights only below a certain lighting threshold that can be set remotely. The temperature sensor completes the characteristics of the device. The ModBUS interface allows the connection of the KET-TLP-110 to SCADA systems, programmable logic and standard monitoring systems. The dry contact input can be used for connecting door / window contacts, PIR sensors or control buttons. Designed to easily integrate into energy supervision and management systems (BMS / BEMS).

TECHNICAL FEATURES	
GENERAL SPECIFICATIONS	Protection Range: IP40 Operative Temperature: -10 ÷ +60 °C Storage Temperature: -15 ÷ +60 °C Relative Humidity: MAX 80% not condensing
CASE	Dimensions: 100 x 100 x 22.5 mm (W x H x D) Mounting: Wall mounted with supplied plate Material: ABS, self extinguishing: UL 94 V-O
POWER SUPPLY	Supply Voltage: 5 ÷ 12 VDC Consumption: Connectors types: Removable spring clamps
RS485 INTERFACE	Supported Protocols: ModBUS RTU Slave Communication Rate: 9.6, 19.2, 38.4 o 57.6 Kpbs Isolation: Connectors types: Removable spring clamps
DIGITAL INPUTS	Channels: 1 for dry contact with detection time at contact variation of about 50ms. Digital Inputs:
FUNCTIONALITY	Output Power Adjustment: From remote Firmware Upgrade: Via USB C connector User menu: Support for public environment: Anti-removal support, keyboard lock
TEMPERATURE SENSOR	Sensor Type: NTC or digital (Only .TH version) Measure Range: -40 ÷ +123.8 °C Precision: ±0.4 ÷ 25 °C Repeatability: ±0.1 °C Resolution: ±0.01 °C
HUMIDITY SENSOR	Version: Only .TH version 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	Number of sensors: 2, on front and on top Measure Range: 10 ÷ 1000 Lux Response Curve: Similar to that of the human eye
MOTION SENSOR	Measurand: Up to 4 m; Recommended 0 ÷ 3.5 m Brightness: Viewing Angle: <=100° cone angle, distance <=4m Response Time:

