KET-SMR-100

IP65 | **X-Monitor**

Wireless 2 PT1000/500 inputs interface

- **Two inputs for temperature probes (flow/return)**
- **Battery powered, battery life over 3 years**

- **Data Logger function**
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The **KET-SMR-100** allows you to monitor the **flow and return temperatures** of a hydraulic circuit. It is equipped with two inputs for PT500/1000 **temperature probes** and two inputs for clean contact.
The high sensitivity of the radio module allows to reach distances of over **600 m** in free air.
The KET-SMR-100 is equipped with an **internal memory** that allows you to store over 60,000 pieces of information in case of malfunction of the wireless network, automatically retransmitting the data as soon as possible.
The integrated **LinkQuality function** signals the actual quality of radio reception, allowing the device to be quickly positioned.
Battery life of more than three years with normal alkaline batteries.

APPLICATIONS
monitoring consumption
Accounting

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TECHNICAL FEATURES	
GENERAL SPECIFICATIONS	**Protection Range**: IP65 **Operative Temperature**: -15 ÷ +70 °C **Storage Temperature**: **Relative Humidity**:
CASE	**Dimensions**: 120 x 120 x 56 mm (W x H x D) **Mounting**: Wall mounting **Material**: PC/ABS, Self extinguishing: UL 94 V-O
BATTERY POWER SUPPLY	**Supply Voltage**: 2 x 1.5 V **Battery Type**: 2 type C, half torch **Approximate Battery Life**: > 3 years **Consumption**:
DATALOGGER FUNCTION	**Memory Type**: **Data Storage Capacity**: Retention of more than 60,000 data with date and hour even if there is no connection
INPUTS	**Digital Inputs**: 2 for clean contact **Analogs Inputs**: **Frequency Inputs**: **Temperature Sensors Inputs**: 2 RJ11 for PT500/1000 (delivery/return)
RADIO MODULE	**Supported Protocols**: X-Monitor Protocol (X-MP) / IEEE 802.15.4 / ZigBee™ Pro 2.0 **Radio Frequency**: 2.4 GHz ISM Band **Output Power**: +3 ÷ +20 dBm **Sensitivity**: -101 dBm **Antenna Type**: 1 internal **Max Distance (Free Air)**: Over 600 m
FUNCTIONALITY	**Radio Signal Indicator**: Integrated (LinkQuality) **Output Power Adjustment**: From local keyboard and remotely **Firmware Upgrade**: Via radio
TEMPERATURE SENSOR	**Measure Range**: -15 ÷ +200 °C **Precision**: ±0.2% **Repeatability**: **Resolution**:

No Information

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