KET-KCO-100

APPLICATIONS
Accounting

MAGGIORI CONTENUTI ONLINE

IP66 X-Monitor 100-240V

Ultrasonic clamp-on thermal energy measurement kit for fixed installation

- **No need to modify the system**
- **Reliability of the measurement**
- **Also suitable for large diameters**

- **Easy and quick mounting**

KET-KCO-100 is a kit for thermal energy measurements complete with clamp-on ultrasonic flow meter for fixed installation, KET-CCC-100 computer and temperature probe.
Range of **sensors for the measurement of flow rate** in a wide variety of fluids, including liquids and ultra-pure and non conductive, for pipes from DN10 to DN3000 and for temperatures up to 200 °C.
Measuring principle based on the transit time with dual DSP technology for greater accuracy.
Sensors non-intrusive, no moving parts, can offer a quick response time. Ability to integrate temperature sensors Pt100 clamp-on for the measurement of energy.
Installation of sensors driven by software, for easy identification of the correct relative positions.
Display showing flow and volume, analog output 4-20 mA, relay outputs and software programming. Suitable for fluid speed from 0.01 to 25 m/sec.
Precision 1-3% of the measured value depending on the application, 0.5% with field calibration.

TECHNICAL FEATURES	
GENERAL SPECIFICATIONS	**Protection Range**: IP66 **Operative Temperature**: -10 ÷ +60 °C **Storage Temperature**: **Relative Humidity**:
CASE	**Dimensions**: 160 x 120 x 81 mm (W x H x D) **Mounting**: Wall **Material**: Aluminium
POWER SUPPLY	**Supply Voltage**: 100 ÷ 240 VAC / 9 ÷ 36 VDC **Consumption**: < 5 W **Connectors types**:
RS485 INTERFACE	**Supported Protocols**: ModBUS RTU **Communication Rate**: **Isolation**: **Connectors types**:
ANALOG OUTPUTS	**Output Type**: A 4-20 mA
FLOW METER	**Principle of Operation**: Ultrasonic based on transit time **Speed Range**: 0.01 ÷ 25 m/s **Resolution**: 0.25 mm/s **Repeatability**: 0.15% of the measured value **Precision**: ±1-3% range of the measured value, ±0.5% with master meter and ±0.5% speed of the measured value **Measuring Frequency**: 100 Hz **Response Time**: 1 second **Tube Diameter**: DN 10 ÷ 3000

No Information