LogoSonic ultrasound-compact heat/cold meter M-Bus

2023/12/14

With M-Bus communication.

Technical Specifications

- Accuracy class: 2
- Pressure rating: PN 16.
- LCD display: no permanent display.
- Approval: MID
- Power supply: Battery 3.6 V DC (2xAA batteries), Service life 12 years.
- Cable: 1.5 m between counter and flow meter
- Temperature sensor type (pair): PT500 / 2.0 m cable.
- Ø Temperature sensor: 5.2 mm
- Temperature sensor installation: 1 sensor installed directly in the flow meter (corresponds with asymmetric temp. measurement).
- Energy unit: kWh (without decimal places).
- Measurement cycle:
  V: 2s
  T: 16s
  E: 2s
- Telegram configuration: Meibes standard M-Bus log definition.
- Operating key: black (RAL 9005).

Classification General Data

Etim Group	Measuring and control devices
Etim Class	Heat meter
Brand	FLAMCO

Attributes

Connection	External thread
Max. operating pressure	16 Bar
Max. allowable pressure	PS16
Max. water temperature	130 Degrees celsius
Nominal pressure rating according to EN 1333	PN 16
Max. medium temperature (continuous)	105 Degrees celsius
Battery power supply	Yes
Approved differential temperature according to EN 1434	5 - 130 K Kelvin
Suitable for glycol	No
Ambient temperature	5 - 100 °C Degrees celsius
Primary material	Brass
Secondary material	Plastic
Type of power supply	Mains power supply
Suitable for water	Yes
Suitable for anti-freeze medium	No
Degree of protection (IP)	Other
Flow sensor position	Selectable
Supports energy unit MWh	No
Supports energy unit kWh	No
Supports energy unit GJ	No
Supports energy unit Gcal	No
Communication	Integrated
Type of communication	Wired
Supporting protocol for 3D-UNB	No
Supporting protocol for M-bus (wired)	Yes
Supporting protocol for MiniBus	No
Supporting protocol for Modbus	No
Supporting protocol for NB-IoT	No
Supporting protocol for OMS	No
Supporting protocol for wireless M-bus (wM-Bus)	Yes
Interface 4-20 mA	No
LoRa technology	No

Find more information online:

Installation and operating instruction
Packaging data

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