



Vortex flow meter

- Suitable for measuring liquids, gases and steam
- Easy installation
- Low consumption
- Wide measuring range

The **KET-MPV-100.000** offers many advantages for flow measurement, including easy installation with **flanged or wafer connections**, with wide measuring range and very low power consumption (12/24 VDC). In addition, vortex flow meters are unique in that they are suitable for **liquids, gases, steam and corrosive applications**. They measure the velocity of the fluid using an operating principle called the **Von Kármán** effect.

It has a **large display** to simultaneously display totalized volume, energy, instantaneous flow, and if equipped with probes, even temperatures and pressures.

The KET-MPV-100.000 is equipped with a **wide range of communication interfaces**, integrating with the X-Monitor network.

APPLICATIONS
Accounting



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TECHNICAL FEATURES	
GENERAL SPECIFICATIONS	Protection Range: IP65 Operative Temperature: -10 ÷ +55 °C Storage Temperature: Relative Humidity: MAX 90% not condensing
POWER SUPPLY	Supply Voltage: +12/24 VDC; Display: Integral 3.2 V Lithium Battery or +24 VDC or 230 VAC Consumption: Connectors types: ISO M20x1.5 Female
RS485 INTERFACE	Supported Protocols: ModBUS RTU with transmission distance =500 m Communication Rate: Max 115 Kbps Isolation: Connectors types:
DIGITAL OUTPUTS	Channels: Pulse signal Voltage Output: Low Level: ≈1 V; High Level: ≈6 V
ANALOG OUTPUTS	Output Type: 4 to 20 mA DC current signal
VOLUMETRIC FLOW METER	Measure Range: Liquid: 1.6 ÷ 1800 m³/h; Gas: 10 ÷ 11000 m³/h; Steam: 9.6 ÷ 93480 Kg/h Accuracy: Liquid: ±1.0%; Gas: ±1.5%; Steam: ±1.5% Fluid Temperature: Standard: -20 °C ÷ +70 °C Fluid Pressure: The pressure of the supports is limited according to the size of the flange Tube Diameter: Ø 25 ÷ 300 mm Flanged Connections: Max PN 16 Material: AISI316 and aluminium alloy



No Information