

UDM 11 Energy

Ultrasonic flow meter



The UDM10 is a clamp-on ultrasonic flowmeter for non-invasive measurements on filled pipes.

The device is particularly characterized by the fact that it can be mounted directly on the pipe and put into operation in just a few minutes.

The range of applications extends from temporary measurements through to permanent use.

Analog signal outputs make it possible to control the device via the Modbus RTU interface and via WiFi. Translated with DeepL.com (free version)

SPECIFICATIONS

AREA OF APPLICATION

Measuring range	±0.03 m/s to ±5.00 m/s
Accuracy	±2.0 % from measured value
Temperature range	0~60 °C
Temperature difference range	2~50 K
Temperature resolution	0.01 °C
Pipe diameter	DN20, DN25, DN32, DN40, DN50, DN65, DN80
Pipe material	Steel, stainless steel, PVC, copper
Medium	Water

FUNCTIONS AND TECHNOLOGY

Outputs	Analog output 4-20 mA
Communication interface	WIFI (standard) & TTL/RS485 Modbus (opt.)
Supply	10-36 VDC
Keyboard	4 buttons
Display	LCD-Display
Memory	SD card with max. 512 files and a storage interval from 1 to 3600 seconds

GENERAL INFORMATION ABOUT THE DEVICE

Protection	IP54
Cable length device	2 m
Weight	0.68 to 2.00 kg (depending on version)