Ihr Partner für messtechnische Systemlösungen.

UDM10

Ultrasonic Flowmeter

The Ultrasonic Flowmeter (UDM) is a state-of-the-art universal transit-time flowmeter designed using FPGA chip and low-voltage broadband pulse transmission.

Comparing with other traditional flowmeter or ultrasonic flowmeter, it has distinctive features such as high precision, high reliabiity, high capability and low cost.

Ultrasonic Flowmeter (UDM) features:

- TVT technology designed
- Less hardware components, low voltage broadband pulse transmission, low consumption power
- Clear, user-friendly menu selections make flowmeter simple and convenient to use
- Daily, monthly and yearly totalized flow parallel operation of positive, negative and net flow totalizes with scale factor (span) and 7 digit display, while the output are transmitted via relay and open collector

SPECIFICATION

PERFORMANCE SPECIFICATIONS

Flow range	±0.098ft/s ~ ±16ft/s (±0.03m/s ~ ±5m/s)
Accuracy	±2,0 %
Pipe size	DN 20, DN 25, DN 32, DN 40, DN 50, DN 5, DN 80
Pipe material	PVC, Carbon Steel, Stainless Steel, Copper
Fluid	Water

FUNCTION SPECIFICATIONS

Outputs	Analog output: 4-20 mA (max. 750Ω) (opt.)
Communication interface	WIFI (standard), TTF/RS485 (optional)
Power supplay	10~36 VDC/500mA
Humidity	Up to 99% RH, non-condensing
Transmitter	PC/ABS
Keyboard	3 touch Keys
Temperature	UDM10: 14°F~122°F (-10°C~50°C) Transducer: 32°F~140°C (0°C ~60°C)
Display	1.44“ LCD

GENERAL INFORMATION

Protection Rate	UDM10: IP65
Cable Lenght	2 m
Weight	UDM10: 0,68-2,00 kg

EOM SOLUTIONS GMBH
Energy Optimizing Monitoring

Telefon / Fax +43 3326 530 70 (20)
info@eom-solutions.at