Mag X2

DS1172

Features:

- Accuracy ±0.2% (0.5 to 10 m/s) of actual values
- Bi-directional measurement
- GPRS Wireless communication system which allows to full control of the flowmeter
- 1 compact and 3 remote configuration available
- Real time clock included in the basic transmitter unit
- Sizes available from 10mm to 1000mm
- Current 4–20mA output available

Description:

The Mag X2 offers the possibility to build and configure your own custom flowmeter based on your specification and needs. It is a flexible device suitable for most applications. Ranging from the most simple applications where readings are checked visually to the most demanding, to those that require a high technical solution such as GPRS or TCP/IP communication. The basic configuration consists of the transmitter including only display and buttons to guarantee the lowest price. Then it is possible to add a wider range of modules to the basic configuration to add optional features such as outputs, communications or data-logging according each application requirement. These features are added by extra modules which can be freely installed and removed from the main board in seconds.

Please contact us to configure a custom Mag X2 flowmeter. Prices start at £975.

Applications:

- Flow visualization
- GPRS or TCP/IP communication

Specifications:

- Auto cleaning electrodes Intelligent sensor design – the signal is converted from analogue to digital in the sensor and sent to the transmitter using MODBUS RTU protocol
- 4 electrodes: 3rd and 4th electrode for earthing and empty pipe detection
- Automatic self-diagnostic tool for the sensor; A problem with the communication signal between sensor and transmitter will be reported on the transmitter display
- Graphic display with 6 touch buttons included in all versions – Multi-language menu. Higher protection via look out system for touch buttons and 3 levels of passwords. User, Service, Factory settings
- When using a communication module, all communication are based on MODBUS RTU (only one communication module can be installed at the same time): BLUETOOTH as a communication option
- TCP/IP module – Intranet use is extremely straightforward with the flowmeter having its own IP- address. Using MAGX2 software is possible to connect to the flowmeter via internet from any place in the world
- GSM-SMS communication which alloys to receive/request information from the flowmeter
- RS232, RS485 and USB communications also available
- Modules can easily be installed or remove at any time in seconds allowing to update the configuration of the flowmeter
- Data-logging: done on a standard Micro Secure Digital card compatible with all main producers
- Connections available: DIN, ANSI, JIS, wafer, Tri-clamp, ANSI 11851; others on request
- Liner materials available: Hard rubber, PTFE, PFA, soft rubber
- Electrode material stainless steel as standard; also hastelloy C, tantalum, titanium and platinum available
- IP67 transmitter protection. IP68 sensor protection available for remote installations
- Temperature sensor – to measure temperature of the measured medium
- Pulse module available: Open collector output included
- Automatic temperature compensation of the sensor
- Power supply options: 90–250VAC +/- 10%, 50–60Hz, 24VDC or 12VDC
- Data downloading and communication does not require disassembly of the housing. No removal of large covers or lids is necessary.
- When using RS485, Bluetooth, GPRS or TCP/IP communication, data-downloading and communication is provided with IP67 protection.