MX4 converter

Technical data

- IP67 coated aluminium enclosure
- Programming via front push buttons
- 128 x 64 graphic display
- Linearity: ±0.2% f.s.
- Repeatability: ±0.1% f.s.
- Ambient temperature range: -20ºC ... +60ºC
- Power supply: 90 … 265 VAC 50 / 60 Hz
  12 … 48 VDC
- Power consumption: ≤ 5 VA
- Flow rate and liquid velocity indication:
  - No. of digits: 5 (0 to 2 decimal configuration)
  - Digit size: 11 mm
- Volume totalizer:
  - No. of digits: 8 (2 decimal)
  - Digit size: 8 mm
  - Reset button
- Analog output: 4-20 mA, active or passive, programmable measuring units
- Pulse output: optoisolated NPN bipolar transistor:
  - V_{max}: 30 VDC ; I_{max}: 30 mA
  - Output frequency: 0.01 ... 5000 Hz
  - Programmable duty cycle
- Relay outputs: 2 relays with potential free contacts.
  - Contact characteristics:
    - Maximum voltage: 250 VAC
    - Maximum current: 8 A
    - Maximum power: 500 VA

  Programmable as flow rate alarms, empty pipe detection or reversed flow indication
- Empty pipe detection
- Flow rate cut off, programmable
- Adaptative flow rate filter: programmable integration time between 0 ... 40 seconds
- Zero offset adjustment
- Full diagnosis of the coil current, the differential voltage on the sensor electrodes and the conductivity of the liquid, as well as detection of an electronic failure in the measuring circuit
- Easy programmable by means of Tecfluid's Winsmeter MX4 software, available for download at www.tecfluid.com

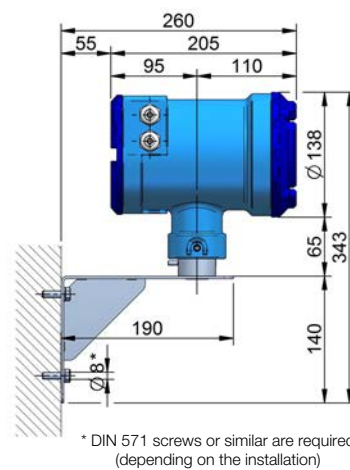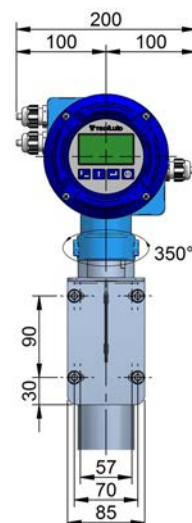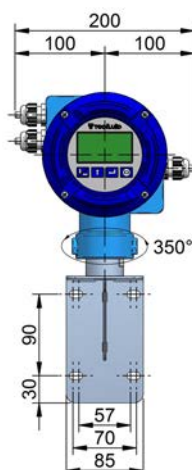### HART and Modbus RTU RS485 Communication protocols

MX4B converter includes a Modbus RTU RS485 Communication protocol module.

MX4H converter has a modem for HART communication. All the features regarding HART communication can be found in the corresponding document "Field Device Specification". Compatible with HART Server Communication software.
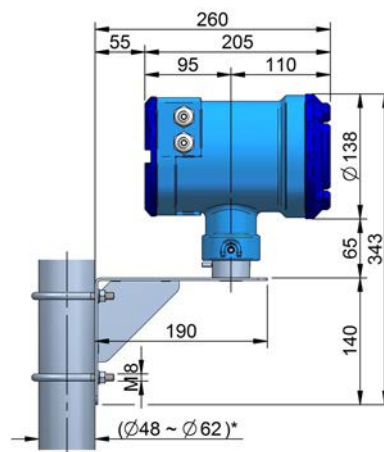
Also available for remote mounted versions MX4BM & MX4HM.

Remote mounted converter (model MX4M)

* DIN 571 screws or similar are required (depending on the installation)

* Iron fittings for pipe size Ø53 max. are supplied

Weight MX4: 3.3 kg

FLOMID-2FX with compact MX4 converter