



Digital Indicator MDI-SRE

Description.

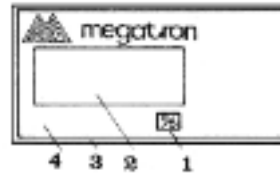
MDI-SRE is a Square Root Extractor of the input signal. MDI-SRE is used to display flow rate when a flow sensor measures the DP signal (for instance PRESO ELLIPSE or VENTURI flow sensors)

Specification

- Accuracy:** 0.1% F.S. or +/- 1 count.
- Power supply:** 115 / 230 Vac .
- Input :** 4 - 20 mA
- Output (option) :**
 - 4 - 20 mA proportional to Square Root Extraction (mod. MDI -AO -SRE) or C / O contact (model MIC-1-SRE).
- Display :** 3.5 digits (0-199.9) 0.5", LCD.
- Connection :** by terminal on rear panel.
- Ambient Temp. :** -10 to +60 ° C.
- Temp. stability :**
 - 0.05% at changes @ 10 °C of ambient Temp.
- Enclosure :** plastic case. **Protection category:** IP-51.
- Size :** 96 x 48 mm and depth 118 mm. Panel cutout 91 x 43 mm.
- Mounting :** by frame with two screws. A metal holder for wall mounting is available.



Description of the front panel



- [1] Units (% or Volum per Time) .
- [2] Display.
- [3] Plastic frame [4] Plastic panel

Connections

Connections of the MDI/MIC -SRE are according to label by the terminal.

Calibration

The device is calibrated according to customer requirements.

Display range: 0 = 4mA and max. display value = 20 mA. Display values can be adjust by pot.'s ZERO and SPAN . The potentiometers are installed under the front panel. When maximum input signal is reached adjust pot. SPAN to obtain max display value and , when input signal is set to min. adjust ZERO to obtain 0.

Front panel removal. Remove the plastic frame [3] and take out plastic [4] and red panels. After adjustment install all parts on same order.

