



# 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.

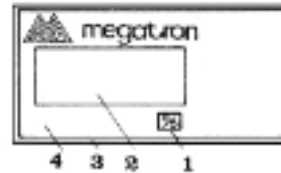
Panel cutout 91 x 43 mm.

**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.

