

ME11 || Pressure Transmitter

Application

Pressure transmitter for pressure and partial vacuum, with directly measuring ceramic diaphragm. Measuring ranges from -1..0 bar up to 0..60 bar.

This series is suitable for multiple applications in

- process engineering
- process technology
- environmental technology

Main Features

- robust design
- high accuracy
- high overload protection
- high vibration-resistance
- minimum hysteresis



Principles of Operation

The measured pressure is transmitted directly to a ceramic diaphragm deforming under the admission of pressure.

The mechanical deformation is converted to an electric signal by means of a DMS-bridge located at the rear side.

An electronic system is integrated in the set-up of the appliance, converting the DMS-signals to electric standard signals:

4..20 mA
0..10 V DC.

Dimensions (all units in mm unless otherwise stated)



