

## OTHER PRESSURE TRANSDUCERS

current output 4-20mA  
voltage outputs



### SPECIFICATION

Pressure transducers work on the principle of piezo-resistant/capacity technology and as a pick-up element they use stainless steel membrane.

Cylindric case of the transducer is made of stainless steel as well as the process connection.

Pressure transducers are fully tested on computer, the zero value is set by means of laser, high sensitivity is ensured in wide temperature range.

Main advantages of the transducer are integrated construction, heavy-duty robust design, high accuracy and long-term stability.

Pressure transducers are suitable for pressure measurements in most applications, widely used for pressure measurement in chemical industry, power engineering, metallurgy, hydrology, etc. Pressure transducers are supplied in wide range of models: for high pressures, for high temperatures, with ceramic sensor, with front membrane, high-frequency response, etc.



With front membrane THPB2, THIPB2

- front membrane - no input pressure hole, high accuracy and stability
- membrane connection type against impurities
  - ranges: -1-0...0,1-350bar



With ceramic sensor, THPB3, THIPB3

- silicon sensor, corrosion resistance
- reversed polarity protection
  - ranges: 0-1...200bar



With high-frequency response THPB4, THIPB4

- measuring frequency based on MENS chip
- high accuracy and stability, fast response
  - ranges 0-0,1...1000bar



For high pressures THPB7, THIPB7

- high accuracy and tightness, long-term stability, corrosion resistance, abrasion and shock resistance
  - ranges: 0-10...5000bar



For high temperatures THPB8, THIPB8

- suitable for high temperature measurements (max.180°C)
  - reliable performance, long-term stability
    - corrosion and vibration resistance, protection against reversed polarity, over-voltage protection, current protection
      - ranges: -1-0...0,04-1000bar

