



Pressure transmitter

Type P1210

Date: March 2004

Sheet No.: 2-20 GB

TEMPRESS pressure transmitter

- Unique resistance to corrosion, damp, vibrations and wear
- Solid construction
- Measuring range from -1 to 1,6 bar
- Wide temperature range (-50 to 125°C)
- Superior temperature compensation
- mV, V and mA output signal
- Excellent linearity
- Superb long-term stability
- Stress relief groove above connection
- G1/4B connection
15 additional thread types in an adapter system
- Ex-version (4–20mA, EEx ia IIC T4, $t_{amb.} \leq 90^{\circ}\text{C}$)

The **TEMPRESS** pressure transmitter P1210 is a high quality instrument characterised by high flexibility and all-round excellence.

P1210 is ideal for all industrial applications where a transmitter with longterm stability and the best specifications is required.

The pressure sensor is a fourarmed strain gauge soldered onto a ceramic diaphragm. The diaphragm's high degree of purity ensures a high natural output. The case is made of stainless steel (AISI 316). This means direct measurements can be taken from aggressive mediums. The O-ring should be chosen according to the medium to be measured.

P1210 pressure transmitters gives a temperature-compensated output signal in mA, which is proportional to the pressure.

The sensor element and associated damp-sealed electronic system are protected by a solid stainless steel case with a DIN 43650-C IP65 connection.

An IP65 cable connection and a water-tight cable connection (IP68 up to 10 bar) are also available.

A G $\frac{1}{4}$ B connection is employed, making it possible to use the unique **TEMPRESS** nipple programme as adapters.

Agent/Dealer:



TEMPRESS A/S

Nordlandsvej 64-66
DK-8240 Risskov, Denmark
Tel.: +45 8932 5210
Fax.: +45 8932 5213
sales@tempress.dk
www.tempress.dk