

**Transmitter / add on system for low pressure, differential gauges and thermometers**

**APPLICATION**

**MODEL PT5**

Suitable for following instruments of  $\varnothing 100$  mm and  $\varnothing 160$ mm:

Low pressure capsule gauge: type PCX, PMX

Differential pressure gauges: type PBD, PDD, PMD, POD

Bourdon pressure gauges: type PBX, PBX-SF

Pressure gauges with chemical seal: type PBQ, PBS, PBR

PBT, PFQ, PFS

Thermometers: type TXR, TXC and RTX



4...20 mA transmitter and 2 contacts (sample: capsule gauge PCX100XA 0 - 25 mbar)

**FEATURES**

Transmitter and contacts have no effect on the pointer.

Electronics with RF technology and not mechanically driven for both contacts and transmitter.

EMC according to EN61326:1998

Accuracy equal for the gauge as for the 4...20 mA transmitter

EMC according to EN61326:1998

Power supply 8 - 28 VDC; max. 50 mA

Electrical connections with cable. Protection class IP55.

**CONTACTS**

Contacts capable to drive relays, PLC inputs.

Operating voltage max. +28 VDC

Output current max. 50 mA continuously, with over current - and short protection

**TRANSMITTER**

Output 4...20 mA; 3 -wire

Transmitter can be calibrated non linear, according to the dial.

Load impedance  $R_L$  [kOhm]  $\leq (V_{PSU}-8)/20$ .

**CASE DIAMETER**

100

160

**OPTION**

**LIQUID FILLING**

With type PCX starting from 100 mbar, only ONDINA

100

160

**SETPOINTS**

FIXED SETPOINTS SET BY STIKO