PBT
Pressure Basic Transmitter

Pressure type
- **R** Gauge
- **A** Absolute
- **C** Compound

Pressure Unit
- **B** bar
- **M** MPa
- **P** psi
- **K** kg/cm2

Standard measurement range acc. to data sheet

Non-Linearity
- **S** Non-linearity +/-0.5 % of Span (BFSL)
- **A** Non-linearity +/-0.25 % of Span (BFSL)

Process Connector
- **G1** G 1/4 A according to DIN 3852-E
- **G2** G 1/4 female
- **N1** 1/4" NPT
- **M2** M20 x 1.5
- **U1** 7/16"-20 UNF SAE #4 J514 male with O-Ring Boss (FKM)
- **R1** R 1/4 ISO 7 (DIN2999)

Pressure Port
- **S** Standard
- **N** 0.3 mm pressure port
- **M** 0.6 mm pressure port

Prozesstemperatur
- **S** 0...+80degC
- **E** -30...+100degC

Dichtung
- **N** NBR [1]
- **F** FPM/FKM [3]
- **C** Copper [4]
- **S** Stainless steel [4]
- **0** Without sealing [5]

Output Signal
- **A** 4...20mA, 2-wire
- **V** 0...10V, 3-wire [6]
- **U** 0...5V, 3-wire

Electrical Connector
- **M** M12 x 1, 4-pin, IP 67
- **L** L-connector DIN EN 175301-803 A, IP 65
- **2** Flying leads, 2 m, IP67
- **5** Flying leads, 5 m, IP67

Supply Voltage
- **A** 8...30 VDC
- **C** 14...30 VDC [6]

Certificates

Special Options
- **Z** Without
- **V** Shock resistance 20 g
- **G** Free from oil and grease
- **H** Free from oil and grease & shock resistance 20 g

PBT-												0	

1) Only with process connection G 1/4 A acc. to DIN3852 E
2) ≥ 10 bar
3) Only with process connections G 1/4 A acc. to DIN 3852E and 7/16"-20 UNF SAE #4 J514 male
4) Only with process connection M20 x 1.5
5) Only with process connections G 1/4 female, 1/4" NPT, R 1/4 ISO 7 (DIN2999) and M20 x 1.5
6) Output signal 0…10V requires supply voltage 14 ... 30VDC