

**Type-No.: 5002.0000****Barotransmitter**

Precision version with ceramic sensing element. Capacitive measurement. Analog output. 4-line connection. Fast response. Excellent repeatability and long term stability. Installation independent from sensor position. Compact dimensions, low weight and low power consumption.

Measuring range:	800...1060 hPa; (other ranges upon request)
Accuracy:	± 0.2 hPa at ambient temperature $20 \pm 5^\circ\text{C}$
Long-term stability:	± 0.1 hPa / year
Operating temperature:	$-40...+60^\circ\text{C}$
Supply:	10...30 V DC, < 4 mA
Output:	0...5 V DC, $R_a \geq 10$ k Ω
Hose connection:	\square 5 mm
Dimensions:	approx. 100 x 60 x 22 mm
Weight:	approx. 130 g

**Type-No.: 5004.0000****Barotransmitter**

Version with piezoresistive sensing element, analog output. Compact design, low weight and low power consumption. Optional versions with amplifier (voltage – respectively voltage – and current output).

5004.1000	Barotransmitter with piezoresistive sensing element, with amplifier 0...5 V output
5004.2000	Barotransmitter with piezoresistive sensing element, with amplifier 0...5 V and 4...20 mA output
Measuring range:	900...1050 hPa; (other ranges upon request)
Accuracy:	± 1 hPa at ambient temperature $20 \pm 10^\circ\text{C}$
Operating temperature:	$-25...+70^\circ\text{C}$
Supply:	8...16 V DC, approx. 10 mA (Version 5004.0000) 11...28 V DC, approx. 46 mA (Versions 5004.1000 and .2000)
Output:	0.3...4.9 V DC (Version 5004.0000) 0...5 V at >10 k Ω (Version 5004.1000) 0...5 V at >10 k Ω and 4...20 mA at 0...500 Ω (Version 5004.2000)
Dimensions:	70 x 50 x 35 mm, weight ± 75 g (5004.0000) 115 x 63 x 40 mm, weight ± 190 g (5004.1000 & .2000)

**Barotransmitter with Digital Display**

for indicating the absolute air pressure, design with piezoresistive sensing element, optional with voltage or current output for electrical transmission of the absolute air pressure, suitable for control panel installation

5005.1000	Barotransmitter with digital display, output 0...5 V
5005.2000	Barotransmitter with digital display, output 4...20 mA
Display:	LED 4 1/2 digit., height of charact. 13.2 mm (LCD upon request)
Meas. range:	900...1050 hPa
Accuracy:	± 1 hPa at 20°C
Operating temperature:	0...50 $^\circ\text{C}$
Power supply:	13...28 V DC; 24 V AC ± 10 %
Dimensions:	144 x 144 x 64 mm
Weight:	approx. 0.2 kg