

# PRESSURE TRANSMITTERS FOR SPECIFIC OEM

## TYPE 500



Relative Pressure -1 to 600 bar, Absolute 0 to 16 bar

With hybrid electronics the pressure transmitters of TYPE 500 are ideally suited for a diverse range of industrial applications due to their rugged design and laser adjustment.

Outputs	Power Supply
0,5-4,5 V ratiometer	5VDC (4,5-6)
0-5/1-6V	11-33VDC
0-10V	18-33VDC
4-20mA	11-33VDC

Total of linearity, hysteresis and repeatability	$\leq \pm 0,4\%$ fs
TC zero point	$\leq \pm 0,04\%$ fs/K
TC sensitivity	$\leq \pm 0,015\%$ fs/K
Inside thread G 1/4" / Outstading thread G 1/4"	

Partial automatic production for customer specific lots from 50 pieces on.

## TYPE 502



Relative Pressure 0 to 4 bar

The pressure transmitters TYPE 502 with ceramic sensor technology - especially developed for the measurement of water pressure changes - are ideal for the use as control element because of its low hysteresis. Best price- / performance ratio.

Outputs	Power Supply
0,5-3,5 V	8,5-30 VDC three-wire

Total of linearity, hysteresis and repeatability	$< \pm 1\%$ fs
TC zero point	$< \pm 0,06\%$ fs/K
TC sensitivity	$< \pm 0,015\%$ fs/K
Pressure connection	Outside thread G 3/8" Plug connector

Automated fabrication for customer batch quantities from 2400 pieces on.

## TYPE 503



Relative Pressure 0 to 10 bar

The pressure transmitters TYPE 503 are specially designed for industrial OEM applications. They provide a convincing solution due to the excellent price- / performance ratio.

Outputs	Power Supply
0,5-2,5 V	5VDC $\pm 10\%$
0,5-3,5 V	8,5-30 VDC

Total of linearity, hysteresis and repeatability	$< \pm 1\%$ fs
TC zero point	$< \pm 0,06\%$ fs/K
TC sensitivity	$< \pm 0,015\%$ fs/K
Pressure connection	Outside thread G 3/8" Plug connector $\varnothing 15\text{mm}$

Partial automatic production for customer specific lots from 50 pieces on.



## PRESSURE TRANSMITTERS FOR SPECIFIC OEM

### TYPE 511



Relative Pressure -1 to 600 bar, Absolute 0 to 25 bar

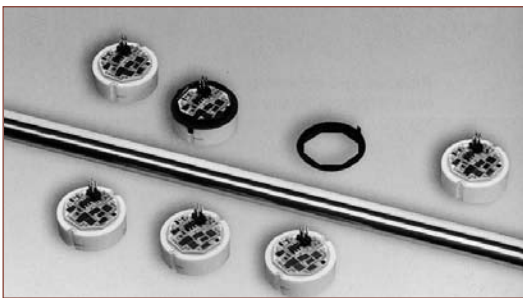
The pressure transmitter TYPE series 511 meets the highest specification for longevity, accuracy, temperature stability and EMC-characteristics, which means that this range is particularly suitable for all demanding industrial applications.

Outputs	Power Supply
0,5-4,5 V ratiometer	5VDC (4,75-5-25)
0-5/1-6V	8-33VDC
0-10V	11,4-33VDC
0-10V	16-34VDC/24VAC
4-20mA	8-33VDC

Total of linearity, hysteresis and repeatability	< $\pm 0,3\%$ fs
TC zero point	< $\pm 0,015\%$ fs/K
TC sensitivity	< $\pm 0,015\%$ fs/K
Temperature range	-40...+ 125°C
EMC-resistance	200V/m without influence
Pressure connect	Inside thread G 1/4 ; Outside thread G 1/4 R 1/4 M12 x 1,5, M14 x 1,5

Partial automatic production for customer specific lots from 250 pieces on.

### TYPE 513



Relative Pressure -1 to 160 bar, Absolute 0 to 25 bar

The pressure measuring cells of product range TYPE 513 have a calibrated, amplified sensor signal. They are suitable especially for high quantities in OEM-applications. The unique integrated electronic allows the installation without any need of customer specific temperature- and pressure adjustment.

Outputs	Power Supply
0,5 ... 4,5 V ratiometrical	5 VDC (4,75 ... 5,25)

Total linearity, hysteresis and repeatability	< $\pm 0,3\%$ fs
TC zero point	< $\pm 0,015\%$ fs/K
TC sensitivity	< $\pm 0,015\%$ fs/K
Temperature range	-40...+ 125°C

### TYPE 510



Relative Pressure -1 to 160 bar for Refrigerent Technique

The pressure transmitters TYPE 510 can be used for all kinds of refrigeration media including ammonia. The new pressure measuring cell is welded with the pressure connection without sealing.

Outputs	Power Supply
0,5-4,5 V ratiometer	5VDC(4,75 - 5,25)
0-5/1-6V	8-33VDC
0-10V	11,4-33VDC,16-34VDC/24VAC
4-20mA	8-33VDC

Total linearity, hysteresis and repeatability	< $\pm 0,5\%$ fs
TC zero point	< $\pm 0,03\%$ fs/K
TC sensitivity	< $\pm 0,015\%$ fs/K
Temperature range	-40...+ 125°C

Partial automatic production for customer specific lots from 250 pieces on.