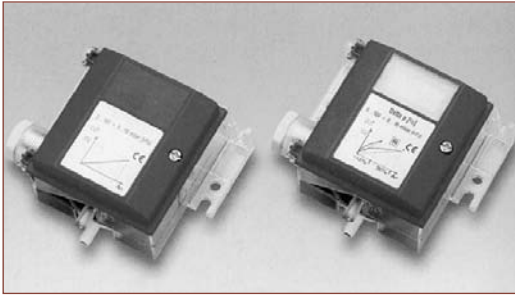


ULTRA-FINE PRESSURE, DIFFERENTIAL PRESSURE TRANSMITTERS

TYPE 694



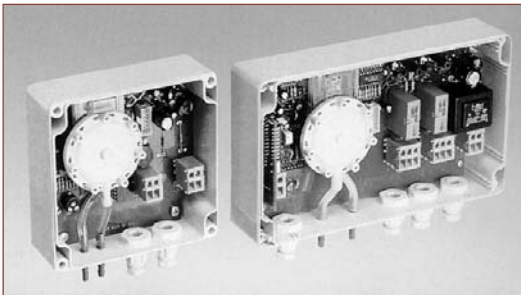
Pressure, Differential Pressure
+0.5 mbar/0-1/3/5/10/16/25/50 mbar

These transmitters are available with or without integrated indication device. The output signals 0-10V / 4-20mA are adjustable versions (by customer/FS from 40 to 100% p) with or without square-root extraction.

Outputs	Power Supply
0-10 V	13.5-33VDC/24VAC+/-15%
0-20 mA	13.5-33VDC/24VAC+/-15%
4-20 mA	13.5-33VDC/24VAC+/-15%
4-20 mA	11 -33VDC

Linear, hysteresis and repeatability with linear output	< ±1% fs
Type 0-1 mbar	< ±2% fs
Type -50... +50 Pa (incl. tolerance zero point)	< ±3% fs

TYPE 698



Pressure, Differential Pressure
0 to 1/3/5/10/30/50 mbar

Differential pressure module for neutral media in the range 0-1/3/5/10/30 and 50mbar.

Available with / without limit values / 3 1/2 digit indicator and square-root extraction via diode or digital circuit.

Power supply	24 VAC/DC or 230VAC
Output	0-10V 0-20/4-20mA

Accuracy according to pressure range

Linearity	±0,2 or 0,5% fs.typ.
Hysteresis	±0,1 or 0,5% fs.typ.

DIFFERENTIAL TRANSMITTERS FOR HIGHER PRESSURE

TYPE 652



Pressure, Differential Pressure
0 to 0.05/0.1/0.2/0.5/1 bar

Transmitters for neutral and mildly aggressive media. Specially rigged construction with high overpressure safety margin on one end (P1) up to 10/20 bar. Hall sensor technology.

Power supply	20-30 VDC 24 VAC
Output	0-10V 0-20/4-20mA
Linearity	< ±1,5% fs
Hysteresis	< ±1,5% fs
Zero point-offset	< ±1% fs

Individual produced from single pieces to small and medium sized lots.

DIFFERENTIAL TRANSMITTERS FOR HIGHER PRESSURE

TYPE 692



Pressure, Differential Pressure 0 to 25 bar

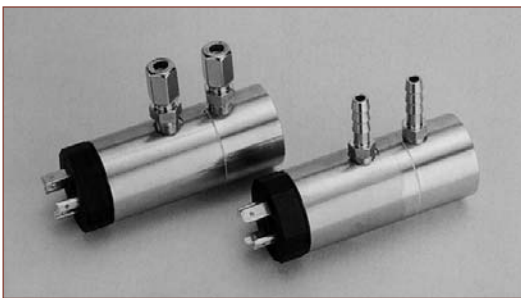
The differential pressure transmitter with the unique ceramic measuring element with 15 pressure range from 0-100 mbar to 0-25 bar.

Outputs	Power Supply
0-5V	11-33VDC/24VAC
0-10V	18-33VDC/24VAC
0-20mA	18-33VDC/24VAC
4-20mA	11-33VDC

Total of linearity, hysteresis and repeatability	$< \pm 0,5\%$ to $\pm 1,3\%$ fs
TC zero point	$< \pm 0,04\%$ to $< \pm 0,12\%$ fs/K
TC sensitivity	$< \pm 0,015\%$ fs/K to $< \pm 0,037\%$ gs/K (depending on overpressure factor)

Individual produced from single pieces to small and medium sized lots.

TYPE 504



Differential Pressure 0-1/2.5/4/6/10/16/25 bar

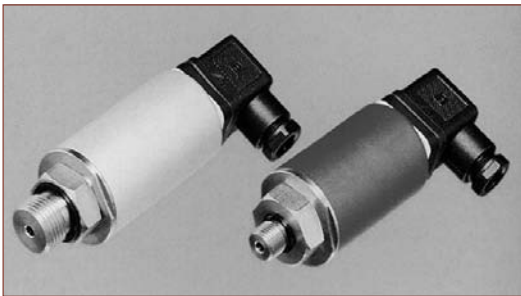
The differential pressure transmitter range 504 with hybrid electronic and laser adjustment are suitable for various industrial applications.

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	$< \pm 0,4\%$ fs
TC zero point	$< \pm 0,05\%$ fs/K
TC sensitivity	$< \pm 0,015\%$ fs/K

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

TYPE 691 (High Pressure with Ceramic Pressure Measuring Cells)



Relative Pressure-1 to 600 absolute 0 to 16 bar

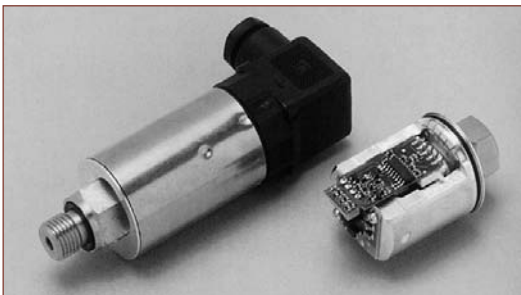
Beside a wide range of pressure- and electrical connections we are able to provide different pressure ranges from 300 mbar full scale on.

Outputs	Power Supply
0-5V	11-33VDC/24VAC
0-10V	18-33VDC/24VAC
0-20mA	18-33VDC/24VAC
4-20mA	11-33VDC

Total of linearity, hysteresis and repeatability	$< \pm 0,3\%$ fs
TC zero point	$< \pm 0,03\%$ fs/K
TC sensitivity	$< \pm 0,015\%$ fs/K

Individual produced from single pieces to small and medium sized lots.

TYPE 507 (High Pressure with Ceramic Pressure Measuring Cells)



Relative Pressure-1 to 600 absolute 0 to 16 bar

Smaller in size with fewer versions. Pressure ranges from 1 bar full scale relative and 2.5 bar absolute.

Outputs	Power Supply
0-5/1-6V	11-33VDC
0-10V	18-33VDC/24VAC
0-10V	18-33VDC
4-20mA	11-33VDC

Total of linearity, hysteresis and repeatability	$< \pm 0,3\%$ fs
TC zero point	$< \pm 0,04\%$ fs/K
TC sensitivity	$< \pm 0,015\%$ fs/K

Individual produced from single pieces to small and medium sized lots.