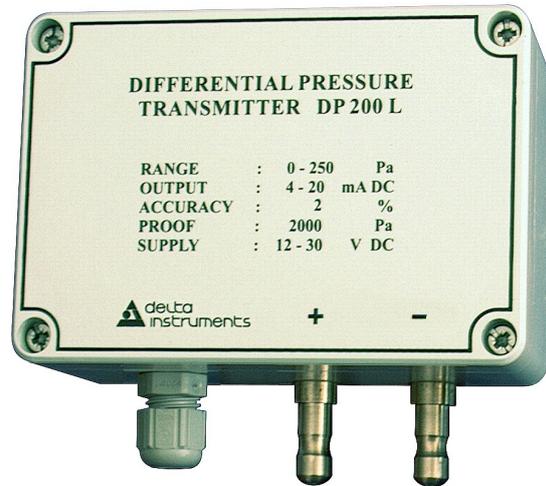


DIFFERENTIAL PRESSURE TRANSMITTER

model DP-200L

- *for air and non-ionic gases*
- *range from 0 ÷ ±200 Pa up to 0 ÷ ±100kPa*
- *4÷20 mA (0-20mA) output signal, power supply 18-32 VDC (220V on request)*
- *linear input/output function*
- *multi-turn potentiometers for zero and span adjustment*



GENERAL DESCRIPTION

The transmitter model DP-200L is designed for precise measurement of small differential pressure (vacuum) and its transformation into unified electrical signal, suitable for a variety of industrial applications. It is purposed for non-aggressive and non-ionic gases, and could also be used for hydrostatic level measurement of non-conductive liquids.

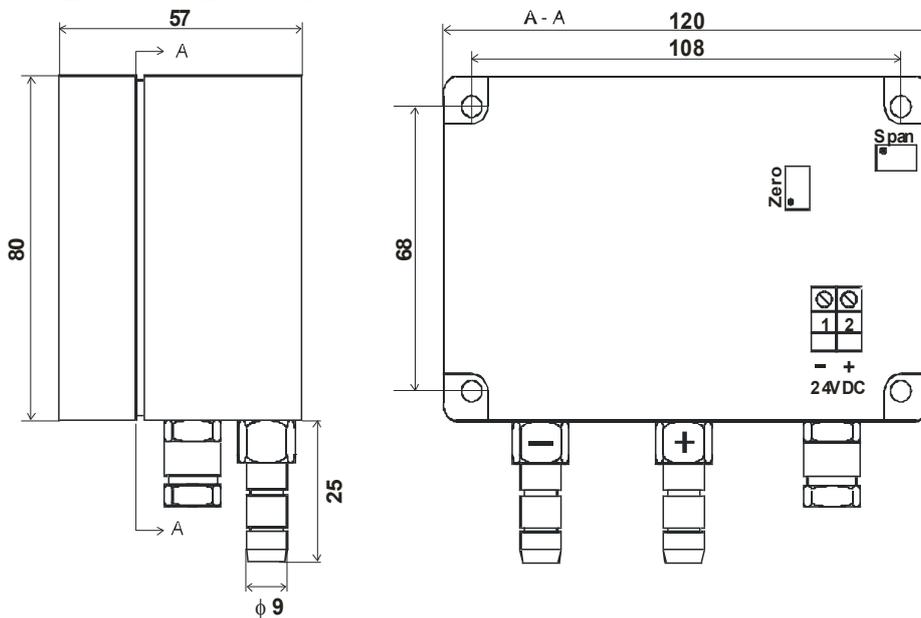
For pressure measurement the transmitter uses a piezo-sensor in the form of a flat membrane, which changes its shape under the effect of pressure. The output signal from this sensor is transformed into current output. Precise temperature compensation of the zero and span is provided. Removing the front cover you can reach two multi-turn potentiometers for zero and span.

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TECHNICAL SPECIFICATIONS

Media Compatibility	non-aggressive and non-ionic liquids and gases, non-conductive liquids, without hazardous media
Range	on demand from ± 200 Pa up to ± 100 kPa
Output signal	4 \div 20 mA DC (max Rload 600 Ω) 0 \div 20 mA DC (max. Rload 600 Ω) 0 \div 5 mA DC (max. Rload 1 $\kappa\Omega$)
Power supply	18 \div 32 V DC (220V on request)
General accuracy error	1.0 % for ranges ≥ 5 κ Pa, 2.0 % for ranges < 5 κ Pa
Non-linearity error	< 0.25 % F.S.
Additional temperature error	< 0.1 % / $^{\circ}$ C for range ≥ 2 kPa
Ambient temperature	from 0 up to 50 $^{\circ}$ C
Connection	2x1.5mm ² screw terminals (for 2-wire transmitters)
Mounting	on the wall or console (see connection diagram)
Working position	vertical, hose connection downward
Dimensions	120 x 80 x 60 mm, protection IP 65
Weight	< 0.3 kg

CONNECTION DIAGRAM



Please specify in your order:

- **measurement range**
- **current output**
- **power supply**