



DESCRIPTION

Flow or velocity measurements of air, compressed air, natural-, combustible-, and other gases, such as flue gases via differential pressure measurement, in conjunction with our Δp SENSOR TRANSMITTERS type DMC-RAD, which provides a square root electrical output of the flow in e.g. m / s and can also display this on the digital display.

Examples: air conditioning and ventilation systems, clean-room technology, flow monitoring, industry, etc.

The flow-sensors are designed according to a new design principle and are produced based on new methods of manufacturing.

The key features of the Flow-Sensor are:

1. High accuracy and reproducibility
2. High operating pressure and temperature
3. The flow-sensors are up to 60% lighter than conventional flow-sensors. A 5 meter long flow-sensor weighs only 20 kg and can be installed by one person.
4. The propagation of the differential pressure within the flow-sensor is hindered neither by cross-drilled flanges nor by internal tubes. At no point the critical diameter falls short of 8 mm within the flow-sensor. This has a very positive effect, especially in the case of condensation.

FEATURES

- Error: ± 1% of flow
- Reproducibility: < 0.1% of measured value
- Working Pressure : max. 100 bar, 20°C
- Media temperature : max. 450°C with standard material
- Media temperature : max. 1100°C with special material
- Lower pressure loss compared to aperture measurement
- Easy and quick mounting

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