

266CRH Diaphragm Pressure Transducer 4-20ma Pneumatic Differential Pressure Transmitter

Basic Information

- Brand Name: ABB
- Model Number: 266CRH



Product Specification

- Customized Support: OEM
- Mounting Bracket: 316 Stainless Steel
- Supply Voltage Effect: 0.005% Span Per Volt
- Output Signal: 4~20mA
- Measurement Range: 0.1...0..100MPA
- Power Supply: 24VDC
- Operating Temperature: 40~85
- Electrical Output Signal: DC 0 ... 10
- Highlight: **266CRH diaphragm pressure transducer, 20ma pneumatic differential pressure transmitter, 4ma pneumatic differential pressure transmitter**

Product Description

Multivariable transmitter 266CRH

The multivariable transmitters in the 266CRH with remote diaphragm seals calculates the mass flow for gases, vapours and liquids with dynamic flow compensation directly from the three process variables of differential pressure, absolute pressure and temperature.

Overview

The multivariable transmitters in the 266CRH are used for differential pressure flow measurements. Apart from pressure- and / or temperature-dependent changes to the density of the fluid, the parameters such as the discharge coefficient, thermal expansion of pipelines and primary device and the Reynolds number are also corrected. It can also be used for DP level measurement if density compensation is necessary due to process temperature changes. This could make any level measurement much more reliable.

In addition to high precision, the multivariable 266 also offers the advantage that only a single device needs to be used for the measuring point instead of several transmitters and a flow calculator.

Data

Base accuracy: $\pm 0.075\%$

Reduced process penetrations save money and reduce the risk of leakage

High static working pressure option (41 MPa, 6000 psi) for power plants, pipelines or oil and gas production

Local operation with LCD with TTG (Through The Glass) technology without the need of opening the housing

Integrated totalizers and in addition a binary output as pulse or frequency output for activating external totalizers

Exchangeable electronics with automatic configuration capability

Flexible process connections and high selection of corrosion resistant material due to all welded diaphragm seals



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