

## 266MRT ABB Pressure Transmitter Differential Pressure Transmitter

### Basic Information

- Brand Name: ABB
- Model Number: 266MRT



### 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: **266MRT ABB Pressure Transmitter, ABB Pressure Transmitter 266MRT, HART differential pressure transmitter**

## Product Description

### Differential pressure transmitter with remote diaphragm seals and multisensor technology 266MRT

Model 266MRT is the top performance differential pressure transmitter with "multisensor technology" suitable for measuring liquid, gas or steam flow as well as level, pressure and density characterized by the remote seal construction. The unique combination of several sensor systems in a single device allows simultaneous measurement of differential pressure and absolute pressure. The sensor temperature and the absolute pressure are also used for eliminating environmental effects on the sensor.

#### Overview

Thanks to Taylor's "All-Welded" technology in remote seal manufacturing as well as to the longstanding expertise, 266MRT can offer unmatched total performances and a wide selection of options such as fill fluid, diaphragm material, capillary protection and mounting connections. ABB, leader in severe process measurements, is able to provide the right solution for the most critical process media at extreme ambient and process conditions.

In addition to the plug-in terminal block, this transmitter features in-field replaceable electronics module that thanks to the auto-configuration functionality dramatically improves plant productivity. Its intuitive plug-and-play display with easy setup procedure really helps users by saving time and lowering maintenance and inventory costs. Moreover, the innovative TTG (Through The Glass) technology allows users to configure the instruments in the field without removing the windowed front cover and consequently to save a lot of time.

The 266MRT is certified by TUV NORD for use in safety instrumented systems as per the requirements of IEC61508. The transmitters meet the requirements for SIL2 applications in a single transmitter configuration (1oo1) and for SIL3 applications in a redundant configuration (1oo2).

#### Data

Base accuracy :  $\pm 0.04\%$

Span limits: 0.6 kPa ... 10000 kPa; 2.41 in. H2O ... 1450 psi

Output signal: Multiple protocol availability offering interchangeability and transmitter upgrade capabilities

– 4 to 20 mA, HART

– PROFIBUS PA 3.01

– FOUNDATION Fieldbus ITK 6.x

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

Conforms to SIL2 / SIL3 acc. to IEC 61508

Full compliance with PED Category III

**Eco-Tech**  **Eco-Tech Suzhou Limited**



18626217683



Meliss.Zhao@eco-techsz.com



psa-generators.com

Room 101, Building 19, No. 4388 Dong Shan Avenue, Lin hu Town, Wu Zhong District, Suzhou, China zip 215106