

## 266GRT ABB Pressure Transmitter HART Capacitive Diaphragm Pressure Transducer

### Basic Information

- Brand Name: ABB
- Model Number: 266GRT



### 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: **266GRT ABB Pressure Transmitter, ABB Pressure Transmitter 266GRT, HART Capacitive Diaphragm Pressure Transducer**

## Product Description

### Gauge pressure transmitter with remote diaphragm seal 266GRT

Model 266GRT is the top performance gauge pressure transmitter with remote diaphragm seals suitable for measuring liquid, gas or steam pressure as well as liquid level in open tanks.

#### Overview

Thanks to Taylor's "All-Welded" technology in remote seal manufacturing as well as to the longstanding expertise, 266GRT 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. With a long-term stability and its proven reliability, 266GRT represents the best application solution for gauge pressure measurements.

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 266GRT 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 ... 60000 kPa; 2.41 in. H<sub>2</sub>O ... 8700 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



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