

High overload absolute pressure transmitter with remote diaphragm seal 266NRH

Our Product Introduction

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Basic Information

- Brand Name: ABB
- Model Number: 266NRH



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: **high overload absolute pressure transmitter, diaphragm abb pressure transmitter, diaphragm absolute pressure transmitter**



More Images



Product Description

Model 266NRH is a high overload absolute pressure transmitter suitable for measuring liquid, gas or steam flow as well as level, pressure and density characterized by the remote seal construction.

Overview

Thanks to Taylor's "All-Welded" technology in remote seal manufacturing as well as to the longstanding expertise, 266NRH 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. The long-term stability and its proven reliability make of 266NRH the best application solution for absolute pressure measurements. 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.

SIL2/SIL3 certification issued by TÜV Nord according to IEC 61508 represents another key-feature within 266 pressure transmitter portfolio. This certification is a real guarantee of protection and makes of 266NRH the smartest fit in Safety-critical loops.

266NRH features WirelessHART communication protocol allowing a shorter installation times by eliminating complex wired infrastructures, and lower overall implementation costs of process measurement.

266NRH battery life is about 10 years at 32 sec. update rates, delivering a very cost effective and reliable solution to monitor your process assets.

Data

266NRH: smartness beyond performances.

- Base accuracy : $\pm 0.075\%$
- Span limits: 1.1 ... 16000 kPa abs.; 8 mm HG ... 2320 psia
- Multiple protocol availability – provides integration with HART®, PROFIBUS PA, FOUNDATION Fieldbus and WirelessHART platforms offering interchangeability and transmitter upgrade capabilities
- Full compliance with PED Category III



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