Absolute pressure transmitter PAP100 for Pulp and Paper Industry

Basic Information

- Brand Name: ABB
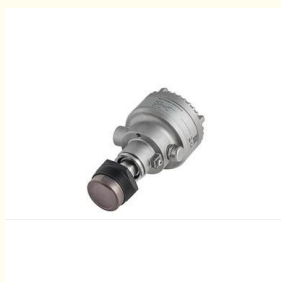- Model Number: PAP100 for Pulp and Paper Industry

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: **paper industry abb pressure transmitter**, **paper industry absolute pressure transmitter**, **oem abb pressure transmitter**

More Images

Product Description

Model PAP100 is the new compact, reliable, essential absolute pressure transmitter from ABB for the Pulp & Paper Industry. A combination of dedicated P&P process connections with unique wetted parts materials like Hastelloy-C, Duplex and Diaflex, are available through a well-known and proved ABB seal.

Overview

PAP100 is the new absolute pressure transmitter from ABB, designed to fit the Pulp & Paper Industry with standard specifications but subject to fast-to-serve dynamics.

Model PAP100 will feature the Essential Pressure transmitters' compact stainless steel housing that grants robustness, resistance to harsh environment, humidity and vibration, while incorporating the high visibility display with backlight option. Easiness of use of the new touch HMI is enhanced by the Easy Set up feature, a firmware option to easily configure device parameters from the display itself.

The PAP100 model completes the release of Essential Pressure Transmitters series, which will soon have even more features in terms of communication protocols (IO-Link).

Its new QR code option, called Digital Access Diagnostic, details operational messages and enables fast access to useful supporting information on the device and its status with suggestions for correcting errors or faulty conditions, as well as details of possible root causes, thus reducing the reaction time to field occurrences.

PAP100: compact, reliable, essential.

Data

Base accuracy : ± 0.25 % (optional ± 0.1 %)

Span limits: from 40 mbar (16in H2O) up to 100 bar (1450 psi)

Output signal: – 4 to 20 mA analog signal or 4 to 20 mA analog signal with HART digital protocol

Local operation with new easy-to-use HMI (Human Machine Interface) with backlight option for environments with poor lighting.

Two-button touch display avoids the need to remove the transmitter cover

Devices with a permissible pressure PS > 200 bar conforms to PED Directive 2014/68/UE; devices with a permissible pressure PS ≤200 bar conforms to SEP Sound Engineering Practices

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