

Hygienic Absolute pressure transmitter PAF100

Our Product Introduction

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Basic Information

- Brand Name: ABB
- Model Number: PAF100



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: oem abb pressure transmitter,
20ma abb pressure transmitter,
oem absolute pressure transmitter



More Images



Product Description

Model PAF100 is the new absolute pressure transmitter from ABB, designed to fit sanitary, food & beverage processes while providing value on what matters the most.

Its compact stainless steel housing grants robustness, resistance to humidity and vibration, while incorporating the high visibility display with backlight option. Easiness of use of the touch HMI is enhanced by the Easy Set up feature, a firmware option to easily configure device parameters from the display itself.

Overview

PAF100 is available with the most important food and beverage certifications, such as 3A, FDA and EHEDG. The wetted parts materials are in line with the requirements expressed by the EC 1935/2004 regulation to ensure a safe operation for people and top-level hygiene in production processes.

ABB unique Diaflex technology (anti-abrasion) comes handy if applications demand more, while the hygienic adapters allow flexibility and modularity in installation without compromising on materials and certifications.

PAF100 is also available with a specific treatment option to ensure the best performances in demanding vacuum applications.

Its new QR code option, 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.

PAF100: compact, reliable, essential.

Data

Base accuracy : $\pm 0.1 \%$ (optional $\pm 0.075 \%$)

Span limits: from 3 mbar (1,2 in 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 to operate device in the field.

Devices with a permissible pressure $PS > 200$ bar conforms to PED Directive 2014/68/UE; devices with a permissible pressure

$PS \leq 200$ bar conforms to SEP Sound Engineering Practices



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