

Electronic Pressure Switch

PAC50



Features:

- Electronic pressure switch for pneumatic applications
- Three large function keys and intuitive menu navigation
- Measuring range from gauge pressure (vacuum and overpressure)
- Individually programmable switching outputs and optional analog output
- Installation on a mounting rail, wall or in a control panel



Description:

For improved monitoring of air pressure, the PAC50 electronic pressure switch offers more at a glance – the large bi-color display allows you to identify from a distance if the pressure falls within the target range. Three large function keys and intuitive menu navigation make operating the PAC50 easy.

What makes the PAC50 so special? It offers up to two digital switching outputs and an optional analog output in just one device. The output signals can be easily adjusted to the available control system. Thanks to the optional IO-Link, the controller or PLC can quickly and accurately pass the device parameters to the sensor when changing the format or replacing the sensor, which significantly reduces downtime.

The PAC50 is ideal for use in industrial environments due to its waterproof housing with an IP 65/IP 67 enclosure rating.

Applications:

- Compressed-air monitoring and measurement in machines and systems
- Pressure measurement in air and in dry, non-corrosive gases
- Pressure measurement on compressed-air maintenance units
- Vacuum monitoring in handling and robotics applications

Technical Data Overview

Device type	Pressure switch
Measuring ranges Gauge pressure	–1 bar ... 0 bar, –1 bar ... +1 bar, 0 bar ... +6 bar, 0 bar ... +10 bar, –1 bar ... 10 bar
Pressure unit	Bar, MPa, psi and kg/cm ²
Accuracy	≤ ± 1.5 % of the span
Setting accuracy of switching outputs	≤ ± 2.0 % of span
Output signal	Configurable switching outputs PNP, NPN or push-pull analog output signal plus optional IO-Link
Electrical connection	Round connector M12 x 1

General Note

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