

Most compact of its class: the new PASCAL CV4 Delta P

The V-line by LABOM is enhanced by one further device: With a combination of compact design and large display, the new differential pressure transmitter packs in the maximum number of features per cubic millimeter.

Differential pressure gauges are often large and hard to fit into small systems. LABOM Mess- und Regeltechnik GmbH has now developed the PASCAL CV4 Delta P CV 4300, an especially compact and flexible digital differential pressure transmitter that is easy to install and operate, even in confined spaces. Despite its compactness, the device has numerous functions and is very user-friendly thanks to certain special features.

Examples of which are the stainless-steel case with protection class of IP 65 or 67 (optionally IP 69K) and the electrical connection that is continuously rotatable by $\pm 170^\circ$ relative to the process connection. The high-resolution display can also be rotated, allowing it to be positioned so it faces the operator, no matter where the device is located in the plant. Thanks to the high-performance processor, the controls runs particularly smoothly; the intuitive 4-button user controls and freely configurable display modes also contribute to its user-friendliness. The display can also be removed without turning off the power supply.

The differential pressure transmitter is suited for level measurement of pressure vessels, for monitoring filters in process engineering, the chemical/petrochemical industry and in mechanical and plant engineering.

The nominal range is 0.25 to 40.0 bar with an accuracy of 0.15%. The output signal is 4...20 mA with HART® protocol. The device has extensive setting, simulation and diagnostic functions as well as the popular Quick Setup function that enables configuration swiftly and conveniently, directly on the device or via HART.

About LABOM Mess- und Regeltechnik GmbH:

For over 50 years LABOM has ranked among the quality leaders in the field of industrial pressure and temperature metrology. The German company specialises in the measurement and monitoring of pressure, fill levels and temperature. LABOM products are in use worldwide, primarily by industries for food, pharmaceuticals, biotech, chemicals, petrochemicals, power, environmental protection, mechanical and plant engineering, in addition to shipping. At present LABOM directly employs around 180 persons and maintains branches and representatives in over 400 countries.

Alongside a broad palette of standard products, one of the strengths of LABOM lies in producing customised solutions. The quality management system is certified according to DIN EN ISO 9001:2015, the Pressure Equipment Directive 2014/68/EU and ATEX 2014/34/EU. LABOM devices for hygienic use comply with EHEDG (European Hygienic Engineering & Design Group) standards.

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