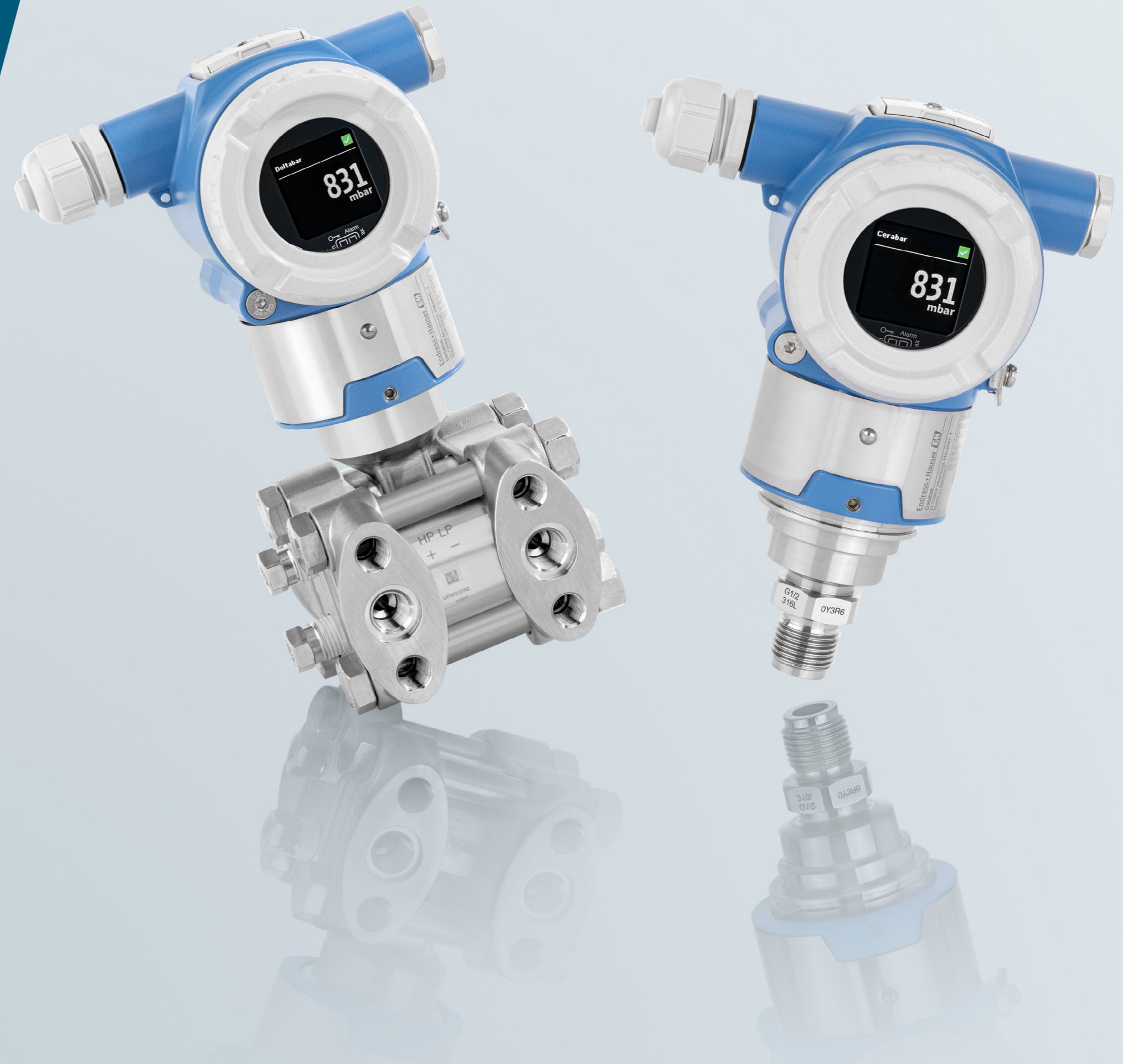


# Standard Industry Transmitter

Measurement of pressure and differential pressure in liquids and gases with Cerabar PMP50 and Deltabar PMD50.





> Standard Industry Transmitter

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The Standard Industry Transmitter stands for the pressure transmitter Cerabar PMP50 and the differential pressure transmitter Deltabar PMD50.





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**This robust pressure transmitter delivers precise and reliable measurements. Optimized for standard applications. Intuitive operation thanks to proven in use user interface that enables fast and easy commissioning while preventing unintentional changes to settings.**



- Devices developed in accordance with IEC 61508
- Hardware and software are based on proven and reliable technology
- More than 40 years of experience in pressure measurement shape the development of the devices





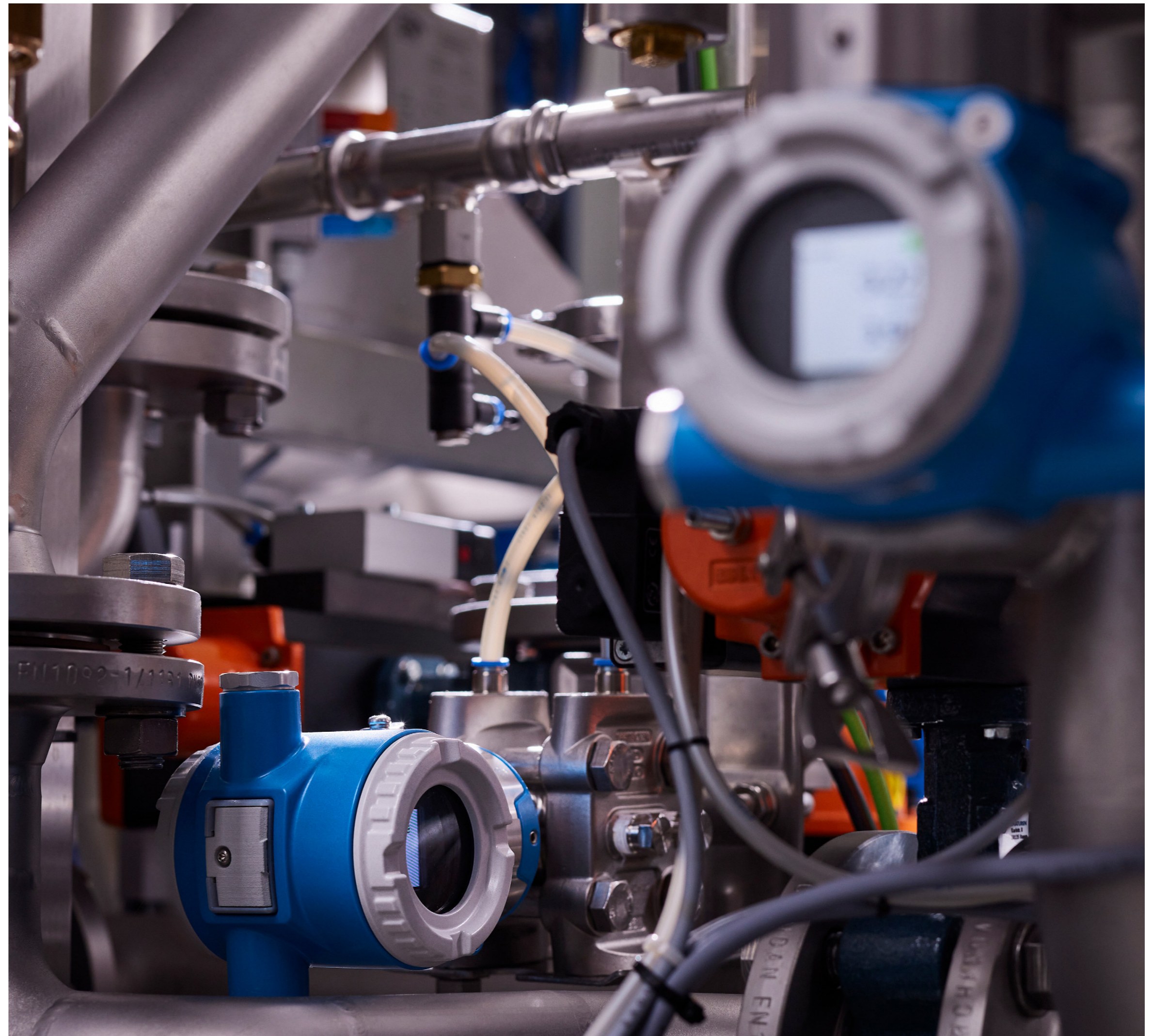
## Standard Industry Transmitter

The Standard Industry Transmitter stands for the pressure transmitter Cerabar PMP50 and the differential pressure transmitter Deltabar PMD50.

**This robust differential pressure transmitter delivers precise and reliable measurements. Optimized for standard applications. Intuitive operation thanks to proven in use user interface that enables fast and easy commissioning while preventing unintentional changes to settings.**



- Devices developed in accordance with IEC 61508
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# Benefits at a glance

The Standard Industry Transmitter offers intuitive and safe operating functions, from commissioning to regular device checks. This enables high productivity and process reliability.

## Meets important standards

The device is developed in accordance with IEC 61508.

## Immediate certainty

All safety-relevant parameter settings can be checked with a checksum (CRC). This checksum is saved in the safety mode software wizard, enabling quick detection of possible unauthorized changes.

## Reduction of systematic errors

The safety mode software wizard allows for quick and easy device locking from the control room.

## Fast and easy commissioning

A software wizard guides users through the commissioning process step by step.

## Quick and safe assembly

Pre-assembled manifolds undergo pressure and leakage tests.





# Technical Data

Standard Industry Transmitter







# Cerabar PMP50

Pressure transmitter  
with metal membrane

This robust pressure transmitter delivers precise and reliable measurements. Optimized for standard applications.



**Display**

- Option 1: Blind cover
- Option 2: Color display w/o buttons

**Operation**

- Via push buttons
- Via HART protocol
- Via service interface (CDI)

**Housing material**

Aluminum or stainless steel

**Design**

Compact version

**Power supply**

- Ex d, Ex e, non Ex : 10,5...35 VDC
- Ex i : 10,5...30 VDC

**Ambient temperature**

-40...+85°C (-40...+185°F)

**Degree of protection**

IP66/68 TYPE 4X/6P

**Output**

4...20 mA (HART)

**Approvals**

Available (e.g. for hazardous area, marine approvals, etc.)





# Deltabar PMD50

Differential pressure transmitter with metal membrane

This robust differential pressure transmitter delivers precise and reliable measurements. Optimized for standard applications.

**Display**

- Option 1: Blind cover
- Option 2: Color display w/o buttons

**Operation**

- Via push buttons
- Via HART protocol
- Via service interface (CDI)

**Housing material**

Aluminum or stainless steel

**Design**

Compact version

**Power supply**

- Ex d, Ex e, non Ex : 10,5...35 VDC
- Ex i : 10,5...30 VDC

**Ambient temperature**

-40...+85°C (-40...+185°F)

**Degree of protection**

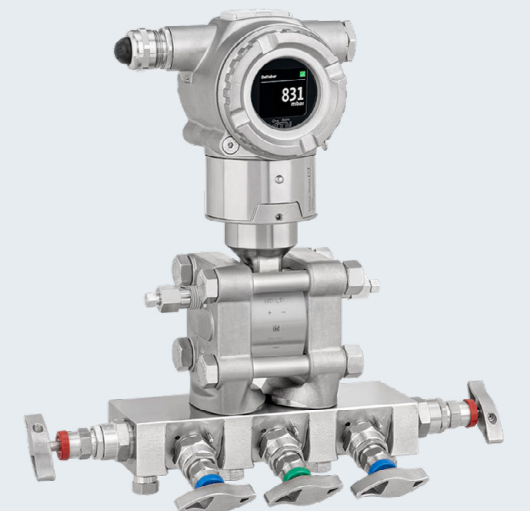
IP66/68 TYPE 4X/6P

**Output**

4...20 mA (HART)

**Approvals**

Available (e.g. for hazardous area, marine approvals, etc.)





> One more thing

## One more thing

The Standard Industry Transmitter is specifically optimized for measuring pressure as well as differential pressure, level and flow in both liquids and gases for standard applications. It is therefore an excellent complement to the pressure transmitter Cerabar PMC71B and PMP71B as well as to the differential pressure transmitter Deltabar PMD75B and PMD78B.

These devices offer a software wizard for guided proof testing and convenient access via Bluetooth. Besides pressure values, they provide additional and valuable information for identifying undesired anomalies, such as deviations in loop resistance. This is possible thanks to Endress+Hauser Heartbeat Technology. The technology also allows device verification without process interruption.







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