

# Product Information



**Endress + Hauser**  
Deltabar S

Category:	Pressure
Revision:	2.0
Type:	Differential Pressure Transmitter
Registered Function Blocks:	3xAI(s), 1xPID(s), 1xRB(s)
Other Blocks:	1xTB(c), 1xRB(e)
H1 Profile Class:	31P 32LT
H1 Device Class:	Link Master
Test Campaign Number:	IT009200
MANUFAC_ID (HEX):	0X452B48
DEV_TYPE (HEX):	0X1009
DEV_REV (HEX):	02
Device Tester Version:	
Test Status:	Registered



## Stack

Manufacturer (H1):	Endress und Hauser
Revision (H1):	1
Test Campaign Number (H1):	CT0021FF

## Physical Layer

Physical Layer types:	111 - Standard-power signaling, bus-powered, Entity Model I.S.
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Test Campaign Number: PT-024

## Device Description and Capabilities File

DD Version: OX03  
DD/CFF Files: [Download DD/CFF File](#)  
DD/CFF Tester Version: 4.6

## Previous Registrations

Previous Revisions (DEV\_REV):  
*[Click to view Previous Versions](#)*

## More Information

### More Information:

Deltabar S with ceramic and silicon sensors Overload resistant

#### Applications

- Measurement of flow, level or differential pressure of gases, vapors and liquids
- Measuring spans from 0.4 inH<sub>2</sub>O to 580 psi (1 mbar to 40 bar)
- Nominal pressure up to 6000 psi (420 bar)
- Suitable for use in hazardous areas

#### Features and Benefits

- High accuracy
  - accuracy better than 0.1% of set span
  - optional “platinum” version, accuracy better than 0.05% of set span
  - stability better than 0.1% of URL per year or 0.25% of URL per 5 years
- Process temperatures up to 250°F (120°C) as standard
- Universal modularity for differential pressure and

gauge/absolute pressure (Deltabar S and Cerabar S), i. e. replaceable display, sensor modules, universal electronics for gauge/absolute pressure and differential pressure

- Simple and easy operation via 4 to 20 mA, HART® protocol or connection to Profibus-PA or Foundation Fieldbus
- Zero and span freely adjustable with or without reference pressure
- Self-monitoring with diagnostics from sensor to electronics
- Wide variety of software functions such as linearization curves, diagnostic codes, totalizer, etc.

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