

HPH Ex d

High Pressure Housing

The HPH Ex d is a pressure resistant encapsulated housing with safety barriers for connecting sensors without an Ex separator. The output signal can be shown in percentage unit at the optional display.

Application

The new pressure resistant housing (protection classification: Ex d) can be used for all applications if no intrinsically safe power supply is available for 4...20 mA sensors. An integrated safety barrier allows the connection of sensors – protection classification Ex ia/ib – in the ex zone directly to the pressure housing.

In addition, the pressure housing can be equipped with a digital display. The display can be adjusted individually to face a number of directions, facilitating its reading.

Advantages of FAFNIR's Technology

- On the spot display of the measured values
- Easy installation
- Robust construction
- Corrosion-resistant (Stainless steel 1.4305, AISI 303)
- Energy restriction by safety barrier
- Retrofittable (e.g. for TORRIX)
- Adjustable display
- 10 mm LED-Display

Technical Data

- Dimensions without cable glands and connection unit:
Ø 95 x H 71 [mm] with Display
Ø 95 x H 66 [mm] without Display
- Ambient temperature: -40 °C to +85 °C
- Protection class: IP68
- Supply: 14...27 V with Display; 17... 30 V without Display
- Voltage drop: ≤ 4 V without display
≤ 7 V with display
- Accuracy: 0,1 % (4...20 mA)
- Display: 3-digit display, 7 segments, bright LED Display, 10 mm; 0,0 % [4 mA] ... 100 % (20 mA)
- Display range: - 9,9 % ... +199 %
- Output signal: 4...20 mA
- Suitable for Ex-Zone 1 (ATEX, IECEx Approv-als)

NEW



The pressure housing HPH Ex d with optional cable gland (not included in the delivery)

If you would like any more information, we would be delighted to discuss this with you personally.

Please call: +49/40/39 82 07-0.

We're here to help you – we can even visit your premises on request.

For the latest product information, please visit: www.fafnir.de.

