

Pressure sensor 0-16 bar for liquid media

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 Connection G 1/4 inch, DC 24 V, output signal 4 - 20 mA

Order number:	010.17421
Order code:	Drucksensor 0-16 bar für flüssige Medien

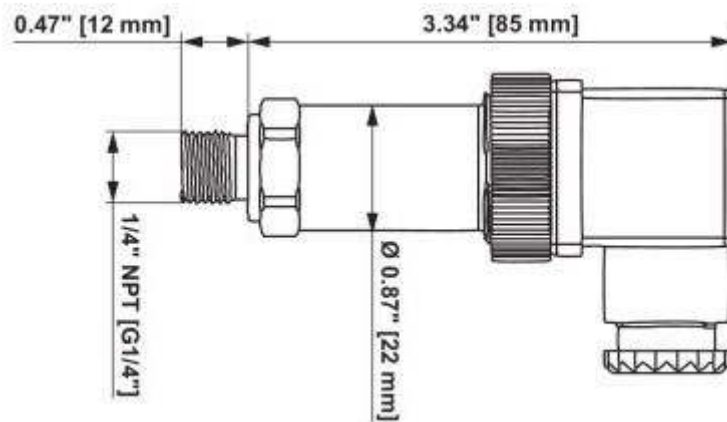


Overview:

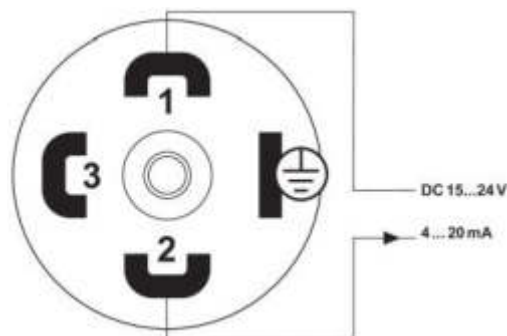
Active sensor (4 ... 20 mA) for pressure detection in HVAC systems. The sensor is suitable for water and water / glycol mixtures. The housing is made of stainless steel and is NEMA 4 / IP65 compliant.

Measuring range pressure	Output signal active pressure	Overload range	Burst pressure
0...16 bar	4...20 mA	32 bar	48 bar

Dimensions:



Connection diagram:



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Safety instructions:

This device is designed for use in stationary heating, ventilation and air conditioning systems and must not be used for applications outside the specified area of application. Unauthorized modifications are prohibited. The device must not be used in combination with other equipment that can injure people, animals or property in the event of a malfunction.

It must be ensured that the power supply is not connected when the device is installed. Do not connect to running devices.

The installation must be carried out by authorized specialist personnel. The legal and official regulations must be observed. The device contains electrical and electronic components and must not be disposed of as domestic waste. The local and currently valid legislation must be observed.

Assembly Instructions:

The assembly instructions are divided into six panels:

- Top Left:** A perspective view of the pressure sensor.
- Top Right:** A diagram showing the sensor being mounted into a panel. It specifies thread types: "EU: G 1/2" and "US: 1/2" NPT".
- Middle Left:** A diagram showing the removal of the top cover. Step 1: Turn the cover counter-clockwise. Step 2: Lift the cover. Step 3: Use a screwdriver to pry the cover away from the sensor. Step 4: Remove the cover.
- Middle Right:** A diagram showing the installation of a cable gland. Step 1: Push the gland onto the cable. Step 2: Tighten the gland nut. Step 3: Tighten the gland nut against the sensor housing. Dimensions: "15 GA (0.5...1.5mm)" and "0.24' 0.31' (6.1mm)".
- Bottom Left:** A diagram showing the connection of the sensor to a terminal block. Step 1: Insert the sensor cable into the terminal block. Step 2: Tighten the terminal block. Step 3: Tighten the terminal block against the sensor housing. Labels A and B indicate different connection points.
- Bottom Right:** Two terminal block diagrams, A and B, and a table of electrical specifications.

A		B	
1	2	1	2
3	3	3	3

22WP-11../22WP-51..	22WP-13../22WP-53..
0...10 V	4...20 mA
1 Uv: AC/DC 15...24 V/AC 24 V	Uv: DC 15...24 V
2 GND	GND Out 4...20 mA
3 Out 0...10 V	