

**Pressure sensor liquids**

Active sensor (4...20 mA) for measuring the pressure in liquid mediums for air conditioning, heating and water applications. Suitable for plants with refrigerant. NEMA 4 / IP65 rated enclosure.


**Type Overview**

| Type     | Output Signal | Measuring range pressure |
|----------|---------------|--------------------------|
| 22WP-134 | 4...20 mA     | 0...4 bar                |
| 22WP-135 | 4...20 mA     | 0...6 bar                |
| 22WP-136 | 4...20 mA     | 0...10 bar               |
| 22WP-137 | 4...20 mA     | 0...16 bar               |

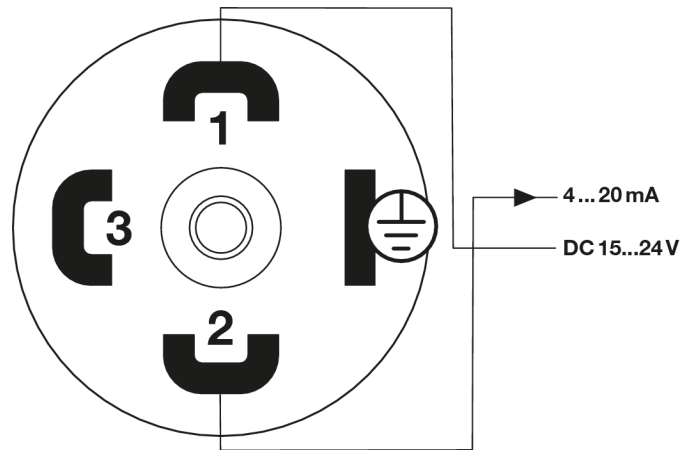
**Technical Data**

|                        |                               |   |
|------------------------|-------------------------------|---|
| <b>Electrical data</b> | Power Supply DC               | 15...24 V, ±10%, 0.5 W  |
|                        | Electrical connection         | Plug for wire 0.5...1.5 mm <sup>2</sup>                       |
|                        | Cable entry                   | MVS plug according to DIN EN175301-803 / Type A               |
| <b>Functional data</b> | Sensor Technology             | Strain gauge on precious metal                                |
|                        | Output signal active pressure | 4...20 mA   |
|                        | Mechanical connection         | pressure connector: G1/4"                                     |
|                        | Media                         | Water   |
| <b>Measuring data</b>  | Measured values               | Pressure  |
|                        | Accuracy pressure             | ±0.5% FS @ 25 °C  |
|                        | Total errors                  | at maximum temperatures<br>-40 °C: ≤ 2% FS<br>105 °C: ≤ 2% FS |
|                        | Overload range                | 8 bar,  |
|                        | Burst pressure                | 12 bar  |
| <b>Materials</b>       | Housing seal                  | FKM fluororubber, Silicone-free                               |
|                        | Housing                       | Stainless steel 1.4301  |
| <b>Safety data</b>     | Ambient Temperature           | -40...105 °C [-40...220 °F]                                   |
|                        | Medium temperature            | -40...125 °C [-40...255 °F]                                   |
|                        | Protection class IEC/EN       | III Protective extra-low voltage (PELV)                       |
|                        | Protection class UL           | UL Class 2 Supply   |
|                        | EU Conformity                 | CE Marking  |
|                        | Degree of protection IEC/EN   | IP65  |
|                        | Degree of protection NEMA/UL  | NEMA 4  |
|                        | Quality Standard              | ISO 9001  |
|                        | Weight                        | 0.9 kg  |

**Accessories**

| Optional accessories | Description  | Type       |
|----------------------|--|------------|
|                      | Adapter G 1/4" (internal thread) to G 1/2" (external thread) | A-22WP-A02 |

## Wiring diagram



## Dimensions

