

**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

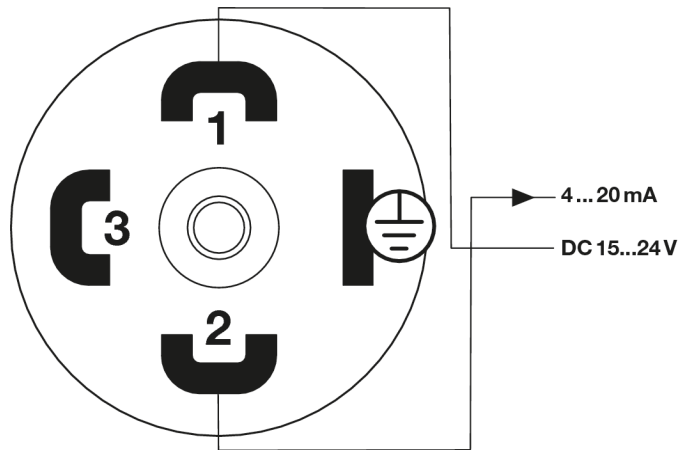
**Technical Data**

<b>Electrical data</b>	Power Supply DC	15...24 V, $\pm 10\%$ , 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	$\pm 0.5\%$ FS @ 25 °C
	Total errors	at maximum temperatures -40 °C: $\leq 2\%$ FS 105 °C: $\leq 2\%$ 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

