WATER PRESSURE TRANSMITTER VPL 60

Water pressure transmitter VPL 60 is designed to detect pressures at the HVAC automation systems. The pressure is measured with ceramic sensor element. Allowed mediums are water, water/glycol mixtures, air and oils.

Output is directly proportional to the pressure inside the pipeline.

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When the transmitter is connected to the cold / chilled water circuit, condensation on the sensor must be prevented. The condensation can be prevented by installing the transmitter far enough from the cold pipe, for example.

The range for measuring can be chosen at commissioning. The cover with display can be added afterwards. The socket for display is ready installed on the card.

ATTENTION!
Device may be damaged by overpressure if installation is made against fluid and closed valve.

Measuring range selection:

S1	S2	Range (bar)
●●	●●	0…16
■	●●	0…25
●●	■	0…40
■	■	0…60

Technical data:

Supply	24 Vac/dc, 1VA
Range (to choose at commissioning)	0...16 bar 0...25 bar 0...40 bar 0...60 bar
Mounting	R ½"
Outputs	0...10 Vdc, < 2 mA 4...20 mA, < 800 Ω
Inaccuracy	< ±0,5 bar
Temperature drifting	< ±0,3 bar / 10K
Long term stability	< ±0,3 bar / year
Operating conditions humidity temperature	 non-condensing 0…+60 °C
Allowed medium temp.	0…+85 °C
Max. overpressure	120 bar
Max. negative pressure	1 bar
Protection class	IP 54, cable gland or sensor down
Tool	27 mm
Material wetting parts housing	 AISI 303 (stainless), ceramics heat resisting plastic

Wiring:

1	24 Vac / dc
2	0 V
3	0...10 Vdc
4	4...20 mA

Ordering guide:

Model	Product number	Description
VPL 60	1134030	water press. transmitter range 0-16, 0-25, 0-40 or 0-60 bar
VPL 60-N	1134310	transmitter with display

Products fulfill the requirements of directive 2004/108/EY and are in accordance with the standards EN61000-6-3 (Emission) and EN61000-6-2 (Immunity).

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