

10 Type designation

PF XX - XXX - X - XX

Series

Upper gauge pressure limit

1; 1,6; 2,5; 4; 6; 10; 16; 25; 40 MPa

Operating ambient temperature range

Version 1 - from - 40 to + 125 °C;

Version 2 - from - 20 to + 155 °C;

Version 3 - from - 20 to + 200 °C

Circuit

0 - “closed bridge” circuit;

1 - “open bridge” circuit

Version

1 - with 27 hex and thread M24x0,75 (drawing 1);

2 - with 27 hex and thread M22x1 (drawing 2);

3 - with 22 hex and thread M20x1 (drawing 3)

Power supply modification

V - stabilized DC voltage (1-10 V);

C - stabilized DC (0,2-2 mA)

Thread code

K1 - 1/2-14 NPT (drawings 1, 2);

M2 - M14x1,5-8g (drawing 3);

M1 - M20x1,5-8g (drawings 1, 2);

U1 - 9/16-18UNF-2A (drawing 3)

G1 - G1/2-A (drawings 1, 2);

Order example of pressure sensor

Pressure sensor of PF series, intended for pressure conversion from 0 to 2,5 MPa, for operation within temperature range from - 40 to + 125 °C, with “closed bridge” circuit, with 27 hex and thread M24x0,75, DC voltage power supply, M20x1,5-8g thread:

Pressure sensor PF 2,5-101-V-M1.

Note: if wished, the wire length (standard 80 mm) can be changed, in this case the required length should be added to the wire code L, for example:

Pressure sensor PF 2,5-101-V-M1-L120.

11 Marking

Marking on the sensor body must contain following information: series, upper gauge pressure limit in MPa, version of the operating temperature range, circuit type, version of design, power supply modification, thread code and order number.

Microtensor

Flush diaphragm pressure sensors PF Series