

10 Type designation

P XXX - XXX - X - XXX - X

Series

Upper gauge pressure limit

0,16; 0,25; 0,4; 0,6; 1; 1,6; 2,5; 4; 6; 10 MPa

Operating ambient temperature range

Version 1 - from - 40 to + 100 °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 - flush diaphragm

Power supply modification

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

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

Conjoint part code

D17 - diameter 17 mm (0,25 - 10 MPa, drawings 1, 2);

D19 - diameter 19 mm (0,16 - 1 MPa, drawings 3, 4)

Electrical connection

L - flexible wire 80 mm length;

P - pin 4,5 mm height

Order example of pressure sensor

Pressure sensor of P series, intended for pressure conversion from 0 to 0,4 MPa, for operation within temperature range from - 40 to + 100 °C, with “closed bridge” circuit, flush diaphragm, DC voltage power supply, diameter of the conjoint part 17 mm and flexible wire 80 mm length:

Pressure sensor P 0,4-101-V-D17-L.

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 P 0,4-101-V-D17-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 the diaphragm, power supply modification, conjoint part code and order number

P 0,4-101-V-D17 000000

Microtensor

Flush diaphragm pressure sensors P Series