

10 Type designation

HP XXX - XX - X - XX - X

Series

Upper gauge pressure limit

0,06; 0,1; 0,16; 0,25; 0,4; 0,6; 1; 1,6; 2,5; 4;
6; 10; 16; 25; 40; 60; 100; 150 MPa

Operating ambient temperature range

Version 1 - from - 45 to + 125 °C;
Version 2 - from - 45 to + 155 °C;
Version 3 - from - 45 to + 200 °C

Circuit

0 - “closed bridge” circuit;
1 - “open bridge” circuit

Power supply type

V - stabilized DC voltage (1-10 V);
C - stabilized DC (0,2-2 mA)

Thread code

K - 1/4-18 NPT;
M - M12x1,25-8g;
G - G1/4-A;
MA - M12x1,25-8g, end seal;
GA - G1/4-A, end seal

Electrical connection

L - flexible wire 80 mm length;
P - pin 4,5 mm height

Order example of pressure sensor

Pressure sensor of HP series, intended for pressure conversion from 0 to 0,25 MPa, for operation within temperature range from - 45 to + 200 °C, with “open bridge” circuit, DC voltage power supply and M12x1,25-8g thread:

Pressure sensor HP 0,25-31-V-M-L.

Note: if wished, typical size and wire length (standard 80 mm) can be changed in this case - in the order should be denoted thread designation and the required length should be added to the wire code L, for example:

Pressure sensor HP 0,25-31-V-M12x1-8g-L200.

11 Marking

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



Microtensor

Pressure sensors HP Series