

10 Type designation

HPL XXX - XX - XXX - 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

Thread code

K - 1/4-18 NPT;
MFA - M14x1,5-8g, form A;
GFA - G1/4-A, form A;
MFE - M14x1,5-8g, form E;
GFE - G1/4-A, form E;
MK1 - M12x1,25-8g;
GK1 - G1/4-A;
MA1 - M12x1,25-8g, end seal;
GA1 - G1/4-A, end seal;
MT1 - M12x1,25-8g, cone seal;
GT1 - G1/4-A, cone seal

Electrical connection

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

Order example of pressure sensor

Pressure sensor of HPL series, intended for pressure conversion from 0 to 60 MPa, for operation within temperature range from - 45 to + 155 °C, with "closed bridge" circuit, G1/4-A thread, cone seal and flexible wire 80 mm length:

Pressure sensor HPL 60-20-GT1-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 HPL 60-20-GT1-L200.

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, thread code and order number



Microtensor

Pressure sensors HPL Series