

## 10 Type designation

HPL-P 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 temperature range

Version 1 (0,06-150 MPa) - from - 45 to + 125 °C  
Version 2 (0,06-150 MPa) - from - 45 to + 155 °C  
Version 3 (0,06-150 MPa) - from - 45 to + 200 °C  
Version 4 (0,06-60 MPa): target medium - from - 200 to + 25 °C;  
ambient medium - from - 60 to + 60 °C

Circuit

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

Thread code

K - 1/4-18 NPT - for version 1-4;  
MFA - M14x1,5-8g, form A - for version 1-3;  
GFA - G1/4-A, form A - for version 1-3;  
MFE - M14x1,5-8g, form E - for version 1-3;  
GFE - G1/4-A, form E - for version 1-3;  
MK1 - M12x1,25-8g - for version 1-3;  
GK1 - G1/4-A - for version 1-3;  
MA1 - M12x1,25-8g, end seal - for version 1-4;  
GA1 - G1/4-A, end seal - for version 1-4;  
MT1 - M12x1,25-8g, cone seal - for version 1-4;  
GT1 - G1/4-A, cone seal - for version 1-4

Electrical connection

L - flexible cable 500 mm length

### Order example of pressure sensor

Pressure sensor of HPL-P series, intended for pressure conversion from 0 to 1,6 MPa, for operation within temperature range of target medium from - 200 to + 25 °C, with “open bridge” circuit, 1/4-18 NPT thread and flexible cable 500 mm length:

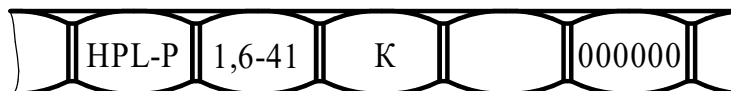
Pressure sensor HPL-P 1,6-41-K-L.

Note: the cable length (standard - 500 mm) can be changed by customer’s request. The required length (max 2500 mm) must be specified in the order, for example:

Pressure sensor HPL-P 1,6-41-K-L1000.

## 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-P Series