

10 Type designation

MP-PT XXX - XX - X - X

Series

Upper gauge pressure limit

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

Operation 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

Thread code

M1 - M10x1-8g (1-150 MPa, drawing 1);
U1 - 3/8-24UNJF-3A (1-150 MPa, drawing 1);
U2 - 3/8-24UNF-2A (1-150 MPa, drawing 1);
M2 - M8x1-8g (1-25 MPa, drawing 2);
U3 - 5/16-24UNF-2A (1-25 MPa, drawing 2);
M3, M4, M5, M6 - M5x0,8-8g (1-10 MPa, drawings 3-6);
U4, U5, U6, U7 - 10-32UNF-2A (1-10 MPa, drawings 3-6)

Electrical connection

L - flexible cable 500 mm length

Order example of pressure sensor

Pressure sensor of MP-PT series with temperature sensor, intended for pressure conversion from 0 to 60 MPa, for operation within temperature range from - 45 to + 200 °C, with “closed bridge” circuit, 3/8-24UNJF-3A thread and flexible cable 500 mm length:

Pressure sensor MP-PT 60-30-U1-L.

Note: if wished, the cable length (standard 500 mm) can be changed, in this case the required length should be added to the cable code L, for example:

Pressure sensor MP-PT 60-30-U1-L1200.

11 Marking

Marking on the sensor body must contain the following information: series, upper gauge pressure limit in MPa, operation temperature range, circuit type, thread code and order number



Microtensor

Pressure sensors MP-PT Series
with temperature sensor