

10 Type designation

XXX X - M - XXX - XXXX - XX - XXXX

Series

PTM, PTM-M

Output signal version

1 - 4-20 mA for PTM, PTM-M;
2 - 0-5 V for PTM;
3 - 0,5-4,5 V ratiometric for PTM-M

Version for the threaded fitting

M - titanium alloy

Upper gauge pressure limit

0,1; 0,16; 0,25; 0,4; 0,6; 1; 1,6; 2,5; 4; 6;
10; 16; 25; 40; 60; 100; 160; 200; 250 MPa

Limit error

0,25 % - main error (for transmitters with operating temperature range from + 5 to + 50 °C);
0,5 % - main error (for transmitters with operating temperature range from - 40 to + 85 °C);
1 % - main error for PTM-M 0,1-... with operating temperature range from - 40 to + 85 °C;
0,7 %T - total error (for transmitters with operating temperature range from + 5 to + 50 °C)

Electrical connection

C1 - connector P2 Series;
C2 - connector GDM Series

Thread code

K - 1/4-18 NPT; M14A - M14x1,5-8g, end seal for PTM;
M20 - M20x1,5-8g; M12A(MA1) - M12x1,25-8g, end seal;
M14 - M14x1,5-8g for PTM; G1/4A(GA1) - G1/4-A, end seal
M12(MK1) - M12x1,25-8g;
G1/4(GK1) - G1/4-A;

Order example of pressure transmitter

Pressure transmitter of PTM Series with characteristics: output signal 4-20 mA, upper gauge pressure limit 1,6 MPa, limit of main error $\pm 0,25$ % (operating temperature range from + 5 to + 50 °C), with electrical connector P2 Series and fitting thread M20x1,5-8g:

Pressure transmitter PTM1-1,6-0,25 %-C1-M20.

Microtensor

Pressure transmitters PTM, PTM-M Series