

Selection and Ordering data

Order No.

Order code

SITRANS P 250 pressure transmitter for differential pressure

 Accuracy $\leq 1\%$, wetted parts ceramic/stainless steel 1.4301,

scope of delivery: transmitter, mounting bracket and instruction manual, without explosion protection

7MF1641 - 0 - 0
Measuring range

0 ... 0.1 bar	(0 ... 40.19 inH ₂ O)	▶
0 ... 0.2 bar	(0 ... 80.37 inH ₂ O)	▶
0 ... 0.25 bar	(0 ... 100.46 inH ₂ O)	▶
0 ... 0.3 bar	(0 ... 120.56 inH ₂ O)	▶
0 ... 0.4 bar	(0 ... 160.74 inH ₂ O)	▶
0 ... 0.5 bar	(0 ... 201.0 inH ₂ O)	▶
0 ... 0.6 bar	(0 ... 241.0 inH ₂ O)	▶
0 ... 1.0 bar	(0 ... 402.0 inH ₂ O)	▶
0 ... 1.6 bar	(0 ... 643.0 inH ₂ O)	▶
0 ... 2.5 bar	(0 ... 1005.0 inH ₂ O)	▶
0 ... 4.0 bar	(0 ... 1607.0 inH ₂ O)	▶
0 ... 6.0 bar	(0 ... 2411.0 inH ₂ O)	▶
0 ... 10.0 bar	(0 ... 4019.0 inH ₂ O)	▶
0 ... 16.0 bar	(0 ... 6430.0 inH ₂ O)	▶
0 ... 25.0 bar	(0 ... 10046 inH ₂ O)	▶

3AA
3AC
3AD
3AE
3AF
3AG
3AH
3BA
3BB
3BD
3BE
3BG
3CA
3CB
3CD

 Other version, add Order Code and plain text (Note: smallest possible span 100 mbar (40.19 inH₂O))

Output signal

4 ... 20 mA	▶
0 ... 5 V DC	
0 ... 10 V DC	

0
1
2

Electrical connection

Plug acc. to EN 175 301-803-A (suitable coupling included in scope of delivery)	▶
Round connector acc. to EN 60139-9	
Cable 1.5 m with cable gland	

1
2
3

Process connection

Without connections, female thread 1/8-27 NPT	▶
Hose connection	
• CuZn nickel-plated, for hose \varnothing 4 mm	
• CuZn nickel-plated, for hose \varnothing 6 mm	
• PVDF, for hose \varnothing 6 mm	
Pipe union	
• CuZn nickel-plated, for pipe \varnothing 6 mm	
• Stainless steel 1.4304, for pipe \varnothing 6 mm	
• CuZn nickel-plated, for pipe \varnothing 8 mm	
• Stainless steel 1.4304, for pipe \varnothing 8 mm	
Male thread, 7/16-20 UNF (CuZn nickel-plated)	
Adapter	
• Inner, G1/8 (stainless steel), for pipe \varnothing 6 mm	
• Outer, G1/8 (stainless steel), with union nut, for pipe \varnothing 6 mm	

A
B
C
D
E
F
G
H
L
M
N

Sealing material

Fluoro rubber (Viton/FPM)	▶
Ethylene propylene diene monomer rubber (EPDM)	
Nitrile butadiene rubber (NBR)	
Silicone rubber (MVQ)	
Neoprene (CR)	

A
B
C
D
E

Further designs

Please add "-Z" to Order No. and specify Order code(s).

Order Code

Quality inspection certificate (factory calibration) to IEC 60770-2
C11

▶ Available ex stock