

Selection and Ordering data

Order No.

Order code

SITRANS P 250 pressure transmitter for differential pressure

Accuracy ≤ 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 ... 1.45 psi) ▶

3AA

0 ... 0.2 bar (0 ... 2.90 psi) ▶

3AC

0 ... 0.25 bar (0 ... 3.63 psi) ▶

3AD

0 ... 0.3 bar (0 ... 5.35 ps) ▶

3AE

0 ... 0.4 bar (0 ... 5.80 psi) ▶

3AF

0 ... 0.5 bar (0 ... 7.25 psi) ▶

3AG

0 ... 0.6 bar (0 ... 8.70 psi) ▶

3AH

0 ... 1.0 bar (0 ... 14.5 psi) ▶

3BA

0 ... 1.6 bar (0 ... 23.2 psi) ▶

3BB

0 ... 2.5 bar (0 ... 36.3 psi) ▶

3BD

0 ... 4.0 bar (0 ... 58.0psi) ▶

3BE

0 ... 6.0 bar (0 ... 87.0 psi) ▶

3BG

0 ... 10.0 bar (0 ... 145 psi) ▶

3CA

0 ... 16.0 bar (0 ... 232 psi) ▶

3CB

0 ... 25.0 bar (0 ... 363 psi) ▶

3CD

Output signal

4 ... 20 mA ▶

0

0 ... 5 V DC

1

0 ... 10 V DC

2

Electrical connection

Plug acc. to EN 175 301-803-A (suitable coupling included in scope of delivery) ▶

1

Round connector acc. to EN 60139-9

2

Cable 1.5 m with cable gland

3

Process connection

Without connections, female thread 1/8-27 NPT ▶

A

Hose connection

• CuZn nickel-plated, for hose Ø 4 mm

B

• CuZn nickel-plated, for hose Ø 6 mm

C

• PVDF, for hose Ø 6 mm

D

Pipe union

• CuZn nickel-plated, for pipe Ø 6 mm

E

• Stainless steel 1.4304, for pipe Ø 6 mm

F

• CuZn nickel-plated, for pipe Ø 8 mm

G

• Stainless steel 1.4304, for pipe Ø 8 mm

H

Male thread, 7/16-20 UNF (CuZn nickel-plated)

L

Adapter

• Inner, G1/8 (stainless steel), for pipe Ø 6 mm

M

• Outer, G1/8 (stainless steel), with union nut, for pipe Ø 6 mm

N

sealing material

Fluoro rubber (Viton/FPM) ▶

A

Ethylene propylene diene monomer rubber (EPDM)

B

Nitrile butadiene rubber (NBR)

C

Silicone rubber (MVQ)

D

Neoprene (CR)

E

Further designs

Order Code

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

Quality inspection certificate (Factory calibration) to IEC 60770-2 supplied

C11

▶ Available ex stock