

Selection and ordering data

Order No.

Order code

SITRANS P 210 pressure transmitters for gauge pressure for low pressure applications

 D) **7MF1566-**

Accuracy typ. 0.25 %

Wetted parts materials: Stainless steel + sealing material

Non-wetted parts materials: stainless steel

Measuring range
Overload limit
Burst pressure
min.
max.
For gauge pressure

0 ... 100 mbar (0.58 psi)	-40 mbar (-0.58 psi)	250 mbar (3.63 psi)	0.5 bar (7.25 psi) ▶	3 AA	
0 ... 160 mbar (2.32 psi)	-40 mbar (-0.58 psi)	400 mbar (5.8 psi)	0.5 bar (7.25 psi) ▶	3 AB	
0 ... 250 mbar (3.63 psi)	-80 mbar (-1.16 psi)	625 mbar (9.06 psi)	1 bar (14.5 psi) ▶	3 AC	
0 ... 400 mbar (5.8 psi)	-80 mbar (-1.16 psi)	1000 mbar (14.5 psi)	1 bar (14.5 psi) ▶	3 AD	
0 ... 600 mbar (8.7 psi)	-100 mbar (-1.45 psi)	1500 mbar (21.76 psi)	2.5 bar (36.26 psi) ▶	3 AG	

Other version, add order code and plain text:

Measuring range: ... up to ... mbar (psi)

9 AA
H 1 Y
Output signal

4 ... 20 mA; two-wire system; power supply 7 ... 33 V DC (10 ... 30 V DC for ATEX versions) ▶

0

0 ... 10 V; three-wire system; power supply 12 ... 33 V DC ▶

1 0
Explosion protection (only 4 ... 20 mA)

None ▶

0

With explosion protection EEx ia IIC T4 ▶

1
Electrical connection

Connector per DIN EN 175301-803-A, stuffing box thread M16 (with coupling) ▶

1

Round connector M12 per DIN EN 60139-9 (not for gauge pressure ranges ≤ 16 bar)

2

Connection via fixed mounted cable, 2 m (not for type of protection "Intrinsic safety i")

0 3

Cable quick screw connection PG9 (not for type of protection "Intrinsic safety i")

0 4

Connector per DIN EN 175301-803-A, stuffing box thread 1/2"-14 NPT (with coupling)

5

Connector per DIN EN 175301-803-A, stuffing box thread PG11 (with coupling)

6

Special version

9
N 1 Y
Process connection

G1/2" male per EN 837-1 (1/2" BSP male) (standard for metric pressure ranges mbar, bar) ▶

A

G1/2" male thread and G1/8" female thread

B

G3/4" male per EN 837-1 (3/4" BSP male)

C

7/16"-20 UNF male

D

 1/4"-18 NPT male (standard for pressure ranges inH₂O and psi)

E

1/4"-18 NPT female

F

1/2"-14 NPT male

G

1/2"-14 NPT female

H

7/16"-20 UNF female

J

M20x1.5 male

P

Special version

Z
P 1 Y
Sealing material between sensor and enclosure

Viton (FPM, standard) ▶

A

Neoprene (CR)

B

Perbunan (NBR)

C

EPDM

D

Special version

Z
Q 1 Y
Version

Standard version ▶

1
Further designs

Supplement the order no. with "-Z" and add order code.

Manufacturer's test certificate M per DIN 55340, Part 18 and ISO 8402 (calibration certificate) supplied

C11

▶ Available ex stock

D) Subject to export regulations AL: N, ECCN: EAR99H.