

Selection and ordering data

Order No.

Order code

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

7MF1566- - - - -

Accuracy typ. 0.25 %

Wetted parts materials: Stainless steel + sealing material

Non-wetted parts materials: stainless steel

Measuring range

Overload limit

min.

max.

Burst pressure

For gauge pressure

0...100 mbar	(1.45 psi)	-400 mbar (-5.8 psi)	400 mbar (5.8 psi)	1 bar (14.5 psi)	►
0...160 mbar	(2.32 psi)	-400 mbar (-5.8 psi)	400 mbar (5.8 psi)	1 bar (14.5 psi)	►
0...250 mbar	(3.63 psi)	-800 mbar (-11.6 psi)	1000 mbar (14.5 psi)	2 bar (29.0 psi)	►
0...400 mbar	(5.8 psi)	-800 mbar (-11.6 psi)	1000 mbar (14.5 psi)	2 bar (29.0 psi)	►
0...600 mbar	(8.7 psi)	-1000 mbar (-14.5 psi)	2000 mbar (29.0 psi)	3 bar (43.5 psi)	►

3AA

3AB

3AC

3AD

3AG

Other version, add order code and plain text:

9AA

H1Y

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

Output signal

4 ... 20 mA; two-wire system; power supply 7 ... 33 V DC (10 ... 30 V DC for ATEX versions)	►
0 ... 10 V; three-wire system; power supply 12 ... 33 V DC	►

0

10

Explosion protection (only 4 ... 20 mA)

None	►
With explosion protection Ex ia IIC T4	►

0

1

Electrical connection

Connector per DIN EN 175301-803-A, stuffing box thread M16 (with coupling)	►
Connection via fixed mounted cable, 2 m (not for type of protection "Intrinsic safety i")	
Quickon cable quick screw connection PG9 (not for type of protection "Intrinsic safety i")	
Connector per DIN EN 175301-803-A, stuffing box thread 1/2"-14 NPT (with coupling)	
Connector per DIN EN 175301-803-A, stuffing box thread PG11 (with coupling)	
Special version	

1

03

04

5

6

9

N1Y

Process connection

G½" male per EN 837-1 (½" BSP male) (standard for metric pressure ranges mbar, bar)	►
G½" male thread and G1/8" female thread	
G¼" male per EN 837-1 (¼" BSP male)	
7/16"-20 UNF male	
¼"-18 NPT male (standard for pressure ranges inH ₂ O and psi)	
¼"-18 NPT female	
½"-14 NPT male	
½"-14 NPT female	
7/16"-20 UNF female	
M20x1.5 male	
Special version	

A

B

C

D

E

F

G

H

J

P

Z

P1Y

Sealing material between sensor and enclosure

Viton (FPM, standard)	►
Neoprene (CR)	
Perbunan (NBR)	
EPDM	
Special version	

A

B

C

D

Z

Q1Y

Version

Standard version	►
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Further designs

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

Manufacturer's test certificate M per IEC 60770-2 (calibration certificate) supplied

C11

► Available ex stock