

Selection and Ordering data					Order No.		Order code		
SITRANS P pressure transmitters for pressure, series Z for gage and absolute pressure					C) 7 MF 1 5 6 4 -		- 1		
2 or 3-wire system, rising characteristic curve									
Measuring range		perm. working pressure		Burst pressure					
		Min.	Max.						
For gage pressure									
0 ... 100 mbar g (0 ... 1.45 psi g)	-0,6 bar g (-8.7 psi g)	0,6 bar g (8.7 psi g)	1 bar g (14.5 psi g)	▶	3 AA 0				
0 ... 160 mbar g (0 ... 2.32 psi g)	-0,6 bar g (-8.7 psi g)	0,6 bar g (8.7 psi g)	1 bar g (14.5 psi g)	▶	3 AB 0				
0 ... 250 mbar g (0 ... 3.63 psi g)	-1 bar g (-14.5 psi g)	1 bar g (14.5 psi g)	1.7 bar g (25 psi g)	▶	3 AC 0				
0 ... 400 mbar g (0 ... 5.80 psi g)	-1 bar g (-14.5 psi g)	1 bar g (14.5 psi g)	1.7 bar g (25 psi g)	▶	3 AD 0				
0 ... 600 mbar g (0 ... 8.70 psi g)	-1 bar g (-14.5 psi g)	3 bar g (43.5 psi g)	5 bar g (72 psi g)	▶	3 AG 0				
Other version for measuring range < 1 bar (< 14.5 psi g), add Order code and plain text: measuring range: ... up to ... mbar g (psi g) ¹⁾					9 AC 0			H 1 Y	
0 ... 1 bar g (0 ... 14.5 psi g)	-0,4 bar g (-5.8 psi g)	2 bar g (30 psi g)	5 bar g (72 psi g)	▶	3 BA				
0 ... 1.6 bar g (0 ... 23.2 psi g)	-0,4 bar g (-5.8 psi g)	3,2 bar g (45 psi g)	5 bar g (72 psi g)	▶	3 BB				
0 ... 2.5 bar g (0 ... 36.3 psi g)	-0,8 bar g (-11.6 psi g)	5 bar g (72 psi g)	12 bar g (175 psi g)	▶	3 BD				
0 ... 4 bar g (0 ... 58.0 psi g)	-0,8 bar g (-11.6 psi g)	8 bar g (115 psi g)	12 bar g (175 psi g)	▶	3 BE				
0 ... 6 bar g (0 ... 87.0 psi g)	-1 bar g (-14.5 psi g)	12 bar g (175 psi g)	25 bar g (360 psi g)	▶	3 BG				
0 ... 10 bar g (0 ... 145 psi g)	-1 bar g (-14.5 psi g)	20 bar g (290 psi g)	50 bar g (725 psi g)	▶	3 CA				
0 ... 16 bar g (0 ... 232 psi g)	-1 bar g (-14.5 psi g)	32 bar g (460 psi g)	50 bar g (725 psi g)	▶	3 CB				
0 ... 25 bar g (0 ... 363 psi g)	-1 bar g (-14.5 psi g)	50 bar g (725 psi g)	120 bar g (1750 psi g)	▶	3 CD				
0 ... 40 bar g (0 ... 580 psi g)	-1 bar g (-14.5 psi g)	80 bar g (1150 psi g)	120 bar g (1750 psi g)	▶	3 CE				
0 ... 60 bar g (0 ... 870 psi g)	-1 bar g (-14.5 psi g)	120 bar g (1750 psi g)	250 bar g (3600 psi g)	▶	3 CG				
0 ... 100 bar g (0 ... 1450 psi g)	-1 bar g (-14.5 psi g)	200 bar g (2900 psi g)	450 bar g (6525 psi g)	▶	3 DA				
0 ... 160 bar g (0 ... 2320 psi g)	-1 bar g (-14.5 psi g)	320 bar g (4640 psi g)	450 bar g (6525 psi g)	▶	3 DB				
0 ... 250 bar g (0 ... 3626 psi g)	-1 bar g (-14.5 psi g)	500 bar g (7250 psi g)	650 bar g (9425 psi g)	▶	3 DD				
0 ... 400 bar g (0 ... 5802 psi g)	-1 bar g (-14.5 psi g)	600 bar g (8700 psi g)	650 bar g (9425 psi g)	▶	3 DE				
Other version for measuring range ≥ 1 bar g (≥ 14.5 psi g), add Order code and plain text: measuring range: ... up to... bar (psi g) ¹⁾					9 AA			H 1 Y	
For absolute pressure									
0 ... 600 mbar a (0 ... 8.7 psi a)	0 bar a (0 psi a)	3 bar a (43.5 psi a)	5 bar a (72 psi a)	▶ J)	5 AG 0				
0 ... 1 bar a (0 ... 14.5 psi a)	0 bar a (0 psi a)	2 bar a (30 psi a)	5 bar a (72 psi a)	▶ J)	5 BA				
0 ... 1.6 bar a (0 ... 23.2 psi a)	0 bar a (0 psi a)	3,2 bar a (45 psi a)	5 bar a (72 psi a)	▶ J)	5 BB				
0 ... 2.5 bar a (0 ... 36.3 psi a)	0 bar a (0 psi a)	5 bar a (72 psi a)	12 bar a (175 psi a)	▶ J)	5 BD				
0 ... 4 bar a (0 ... 58.0 psi a)	0 bar a (0 psi a)	8 bar a (115 psi a)	12 bar a (175 psi a)	▶ J)	5 BE				
0 ... 6 bar a (0 ... 87.0 psi a)	0 bar a (0 psi a)	12 bar a (175 psi a)	25 bar a (360 psi a)	▶ J)	5 BG				
0 ... 10 bar a (0 ... 145 psi)	0 bar a (0 psi a)	20 bar a (290 psi a)	50 bar a (725 psi a)	▶ J)	5 CA				
0 ... 16 bar a (0 ... 232 psi)	0 bar a (0 psi a)	32 bar a (460 psi a)	50 bar a (725 psi a)	▶ J)	5 CB				
Other version for measuring range < 1 bar (< 14.5 psi a), add Order code and plain text: measuring range: ... up to ... mbar a (psi a)					J)	9 AB 0			H 1 Y
Measuring ranges for gage pressure (only for US market)									
(0 ... 10 psi g)	(-3 psi g)	(20 psi g)	(60 psi g)		4 BA				
(0 ... 15 psi g)	(-6 psi g)	(30 psi g)	(72 psi g)		4 BB				
(3 ... 15 psi g)	(-6 psi g)	(30 psi g)	(72 psi g)		4 BC				
(0 ... 20 psi g)	(-6 psi g)	(40 psi g)	(72 psi g)		4 BD				
(0 ... 30 psi g)	(-6 psi g)	(60 psi g)	(72 psi g)		4 BE				
(0 ... 60 psi g)	(-11.5 psi g)	(120 psi g)	(175 psi g)		4 BF				
(0 ... 100 psi g)	(-14.5 psi g)	(200 psi g)	(360 psi g)		4 BG				
(0 ... 150 psi g)	(-14.5 psi g)	(300 psi g)	(725 psi g)		4 CA				
(0 ... 200 psi g)	(-14.5 psi g)	(400 psi g)	(725 psi g)		4 CB				
(0 ... 300 psi g)	(-14.5 psi g)	(600 psi g)	(1750 psi g)		4 CD				
(0 ... 500 psi g)	(-14.5 psi g)	(1000 psi g)	(1750 psi g)		4 CE				
(0 ... 750 psi g)	(-14.5 psi g)	(1500 psi g)	(3600 psi g)		4 CF				
(0 ... 1000 psi g)	(-14.5 psi g)	(2000 psi g)	(3600 psi g)		4 CG				
(0 ... 1500 psi g)	(-14.5 psi g)	(3000 psi g)	(6525 psi g)		4 DA				
(0 ... 2000 psi g)	(-14.5 psi g)	(4000 psi g)	(6525 psi g)		4 DB				
(0 ... 3000 psi g)	(-14.5 psi g)	(6000 psi g)	(9425 psi g)		4 DD				
(0 ... 5000 psi g)	(-14.5 psi g)	(8700 psi g)	(9425 psi g)		4 DE				
(0 ... 6000 psi g)	(-14.5 psi g)	(8700 psi g)	(9425 psi g)		4 DF				
Other version, add Order code and plain text: Measuring range: ... up to ... psi g					9 BA			H 1 Y	
▶ Available ex stock					C) Subject to export regulations AL: N, ECCN: EAR99. J) Subject to export regulations AL: 91999, ECCN: EAR99.				

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J) Subject to export regulations AL: 91999, ECCN: EAR99.

¹⁾ The transmitters can also be ordered with special measuring ranges, e.g. transmitters with a 1-bar measuring cell (14.5 psi measuring cell):
-0.2 ... +0.8 bar g (-2.9 ... +11.6 psi g) or -0.4 ... +0.6 bar g (-5.8 ... +8.7 psi g) or ...

J) Subject to export regulations AL: 91999, ECCN: EAR99.