

Selection and Ordering data		Order No.
SITRANS P300 pressure transmitters with PMC connection , single-chamber measuring housing, rating plate inscription in English		
4 ... 20 mA/HART	F)	7 MF 8 1 2 3 -
PROFIBUS PA	F)	7 MF 8 1 2 4 -
FOUNDATION Fieldbus (FF)	F)	7 MF 8 1 2 5 -
		■ ■ ■ ■ - ■ ■ ■ ■
Measuring cell filling	Measuring cell cleaning	
Silicone oil	normal	1
Inert liquid	Cleanliness level 2 to DIN 25410	3
Measuring span		
1 bar g ¹⁾	(14.5 psi g)	B
4 bar g	(58 psi g)	C
16 bar g	(232 psi g)	D
Wetted parts materials		
Seal diaphragm	Measuring cell	
Hastelloy ²⁾	Stainless steel	B
Process connection		
• PMC Style Standard: Thread 1½"		2
• PMC Style Minibolt: front-flush 1" (minimum span: 500 mbar (7.25 psi), not available with 1-bar-measuring cell (Option B))		3
Non-wetted parts materials		
• Stainless steel, deep-drawn and electrolytically polished		4
Version		
• Standard versions		1
Explosion protection		
• None		A
• With ATEX, Type of protection: - "Intrinsic safety (EEx ia)"		B
• Zone 20/21/22 ³⁾		C
• Ex nA/nL (Zone 2) ⁴⁾		E
• With FM + CSA, Type of protection: - "Intrinsic Safe (is)" (planned)		M
Electrical connection / cable entry		
• Screwed gland M20 x .5 (polyamide) ⁵⁾		A
• Screwed gland M20 x 1.5 (metal)		B
• Screwed gland M20 x 1.5 (stainless steel)		C
• M12 connectors (without cable socket)		F
• M12 connectors (stainless steel), without cable socket)		G
• ½-14 NPT metal thread ⁶⁾		H
• ½-14 NPT stainless steel thread ⁶⁾		J

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Display		
• Without display, with keys, closed covers		1
• With display and keys, closed lid		2
• With display and keys, lid with glass pane (setting on HART devices: mA, with PROFIBUS PA and FOUNDATION Fieldbus equipment: pressure unit)		6
• With display (setting acc. to specifications, Order Code "Y21" or "Y22" required), lid with glass pane		7
Power supply units see Chap. 8 "Supplementary Components".		
Included in delivery of the device:		
• Brief instructions (Leporello)		
• CD-ROM with detailed documentation		
• sealing ring		
1) Only with "Standard" process connection"		
2) Only possible for flange with M..., N... and Q... option		
3) Not in conjunction with electrical connection option A.		
4) Only available together with electrical connection options B, C, F or G.		
5) Only together with HART electronics.		
6) Without cable gland.		
F) Subject to export regulations AL: 9I999, ECCN: N.		