Left column

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 M F 8 1 2 3 -**
PROFIBUS PA	F) **7 M F 8 1 2 4 -**
FOUNDATION Fieldbus (FF)	F) **7 M F 8 1 2 5 -**

Order code digits: ▪▪▪▪▪ - ▪▪▪▪

Measuring cell filling	Measuring cell cleaning	
Silicone oil	Standard	**1**
Inert liquid	Cleanliness level 2 to DIN 25410	**3**

Span
1 bar g	(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	Stainless steel	**B**

Process connection
• PMC Style Standard: Thread 1½"	**2**
• PMC Style Mini bolt: 1" front-flush (not with span - version "B")	**3**

Non-wetted parts materials
• Stainless steel, deep-drawn and electrolytically polished	**4**

Version
• Standard version	**1**

Explosion protection
• None	**A**
• With ATEX, Type of protection: - "Intrinsic safety (EEx ia)"	**B**
• With FM + CSA, Type of protection: - "Intrinsic Safe (is)" (planned)	**M**

Electrical connection / cable entry
• Screwed gland M20x1.5 (Polyamide)[1]	**A**
• Screwed gland M20x1.5 (metal)	**B**
• Screwed gland M20x1.5 (stainless steel)	**C**
• M12 connector (without cable socket)	**F**
• M12 connector (stainless steel, without cable socket)	**G**
• ½-14 NPT thread, metal[2]	**H**
• ½-14 NPT thread, stainless steel[2]	**J**

Display
• Without display, with keys, closed lid[1]	**1**
• With display and keys, closed lid	**2**
• With display and keys, lid with glass pane (setting on HART devices: mA, on PROFIBUS PA and FOUNDATION Fieldbus devices: pressure unit)	**6**
• With display (setting acc. to specifications, Order code "Y21" or "Y22" required), lid with glass pane	**7**

Power supply units see "SITRANS I power supply units and isolation amplifiers".

Included in delivery of the device:
• Brief instructions (Leporello)
• CD-ROM with detailed documentation
• Sealing ring

[1] Only together with HART electronics.
[2] Without cable gland.

F) Subject to export regulations AL: 9I999, ECCN: N.

Right column

Selection and Ordering data	Order code	HART	PA	FF
Further designs Add "-Z" to Order No. and specify Order code.				
Cable socket for M12 plug				
• Metal	A50		✓	✓
• Stainless steel	A51		✓	✓
Rating plate inscription (instead of English)				
• German	B10	✓	✓	✓
• French	B12	✓	✓	✓
• Spanish	B13	✓	✓	✓
• Italian	B14	✓	✓	✓
English rating plate Pressure units in inH_2O or psi	B21	✓	✓	✓
Manufacturer's test certificate M (calibration certificate) To DIN 55350, Part 18 and to ISO 8402	C11	✓	✓	✓
Acceptance test certificate To EN 10204-3.1	C12	✓	✓	✓
Factory certificate To EN 10204-2.2	C14	✓	✓	✓
Set output signal to upper limit of 22.0 mA	D05	✓	✓	✓
Type of protection IP68	D12	✓	✓	✓
Mounting				
• Weldable sockets for standard 1½" threaded connection	P01	✓	✓	✓
• Weldable socket for mini bolt connection 1" (incl. screw 5/16-18 UNC-2B and washer)	P02	✓	✓	✓
Additional data Add "-Z" to Order No. and specify Order code.				
Measuring range to be set Specify in plain text (max. 5 digits): Y01: ... up to ... mbar, bar, kPa, MPa, psi	Y01	✓		
Measuring point number (TAG No.) Max. 16 characters, specify in plain text: Y15:	Y15	✓	✓	✓
Measuring point text Max. 27 characters, specify in plain text: Y16:	Y16	✓	✓	✓
Entry of HART address (TAG) Max. 8 characters, specify in plain text: Y17:	Y17	✓		
Setting of pressure indication in pressure units Specify in plain text (standard setting: mA): Y21: mbar, bar, kPa, MPa, psi, ... Note: The following pressure units can be selected: bar, mbar, mm H_2O[*], inH_2O[*], ftH_2O[*], mmHG, inHG, psi, Pa, kPa, MPa, g/cm^2, kg/cm^2, Torr, ATM or % *) ref. temperature 20 °C	Y21	✓	✓	✓
Setting of pressure indication in non-pressure units Specify in plain text: Y22: ..... up to ..... l, m^3, m, USg, ... (specification of measuring range in pressure units "Y01" is essential, unit with max. 5 characters)	Y22 + Y01	✓		
Preset bus address Specify in plain text: Y25:	Y25		✓	✓

Only "Y01" and "Y21" can be factory preset

✓ = available