

Selection and Ordering data		Order No.	
SITRANS P pressure transmitters for gage pressure, with PMC connection series DS III HART		F)	7 MF 4 1 3 3 -
Measuring cell filling	Measuring cell cleaning		
Silicone oil	Standard	1	
Inert liquid	Grease-free	3	
Span			
0.01 ... 1 bar g ¹⁾	(0.15 ... 14.5 psi g) ¹⁾	B	
0.04 ... 4 bar g	(0.58 ... 58 psi g)	C	
0.16 ... 16 bar g	(2.32 ... 232 psi g)	D	
Wetted parts materials			
Seal diaphragm	Connection shank		
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			
• Housing made of die-cast aluminum		0	
• Housing stainless steel precision casting		3	
Version			
• Standard version		1	
• International version, English label inscriptions, documentation in 5 languages on CD		2	
Explosion protection			
• None		A	
Electrical connection / cable entry			
• Female thread M20x1.5		B	
• Female thread ½-14 NPT		C	
• M12 connectors (metal)		F	
Display			
• Without (digital indicator hidden, setting: mA)		1	
• With visible digital indication, setting: mA		6	
• With customer-specific digital indication (setting as specified, Order code "Y21" or "Y22" required)		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 with "PMC Style Standard" process connection

F) Subject to export regulations AL: 91999, ECCN: N.

Selection and Ordering data		Order No.	
SITRANS P pressure transmitter for gage pressure, with PMC connection			
DS III PA (PROFIBUS PA) series	F)	7 MF 4 1 3 4 -	
DS III FF series (FOUNDATION Fieldbus)	F)	7 MF 4 1 3 5 -	
Measuring cell filling	Measuring cell cleaning		
Silicone oil	Standard	1	
Inert liquid	Grease-free	3	
Nominal measuring range			
1 bar g ¹⁾	(14.5 psi g) ¹⁾	B	
4 bar g	(58 psi g)	C	
16 bar g	(232 psi g)	D	
Wetted parts materials			
Seal diaphragm	Connection shank		
Hastelloy	Stainless steel	B	
Process connection			
• PMC Style Standard: front-flush 1½"		2	
• PMC Style Mini bolt: front-flush 1" (not with span - version "B")		3	
Non-wetted parts materials			
• Housing made of die-cast aluminum		0	
• Housing stainless steel precision casting		3	
Version			
• Standard version			1
• International version, English label inscriptions, documentation in 5 languages on CD			2
Explosion protection			
• None			A
Electrical connection / cable inlet			
• Screwed gland M20x1.5			B
• Screwed gland ½-14 NPT			C
• M12 connectors (metal)			F
Display			
• Without (digital display hidden)			1
• With visible digital display			6
• With customer-specific digital display (setting as specified, Order code "Y21" or required)			7

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

1) Only with "PMC Style Standard" process connection

F) Subject to export regulations AL: 91999, ECCN: N.

Selection and Ordering data	Order code			
<i>Further designs</i>		HART	PA	FF
Add "-Z" to Order No. and specify Order code.				
M12 cable sockets (metal)	A50	✓	✓	✓
Rating plate inscription (instead of German)				
• English	B11	✓	✓	✓
• French	B12	✓	✓	✓
• Spanish	B13	✓	✓	✓
• Italian	B14	✓	✓	✓
English rating plate Pressure units in inH ₂ O 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	✓	✓	✓
Output signal can be set to upper limit of 22.0 mA	D05	✓	✓	✓
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	✓	✓	✓

Selection and Ordering data	Order code			
<i>Additional data</i>		HART	PA	FF
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 ₂ O ³ , inH ₂ O ³ , ftH ₂ O ³ , 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 Max. 8 characters, specify in plain text: Y25:	Y25		✓	✓

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

✓ = available

Ordering example

Item line: 7MF4133-1DB20-1AB7-Z
 B line: A22 + Y01 + Y21
 C line: Y01: 1 ... 10 bar (14.5 ... 145 psi)
 C line: Y21: bar (psi)