

Selection and Ordering data		Order No.	
SITRANS P pressure transmitters for gauge pressure, with PMC connection series DS III with HART		7 MF 4 1 3 3 -	
Measuring cell filling	Measuring cell cleaning		
Silicone oil	normal	1	
Inert liquid	grease-free to cleanliness level 2	3	
Measuring span (min. ... max.)			
0.01 ... 1 bar ¹⁾	(0.15 ... 14.5 psi) ¹⁾	B	
0.04 ... 4 bar	(0.58 ... 58 psi)	C	
0.1.6 ... 16 bar	(2.32 ... 232 psi)	D	
Wetted parts materials			
Seal diaphragm	Connection shank		
Hastelloy	Stainless steel	B	
Process connection			
• PMC Style Standard: Thread 1½"		2	
• PMC Style Minibolt: front-flush 1" (not with minimum span: 500 mbar (7.25 psi) - version "B")		3	
Non-wetted parts materials			
• Housing made of die-cast aluminium		0	
• Housing stainless steel precision casting		3	
Version			
• Standard versions		1	
• International version, English label inscriptions, documentation in 5 languages on CD (no order code selectable)		2	
Explosion protection			
• None		A	
Electrical connection / cable entry			
• Female thread M20 x 1.5		B	
• Female thread ½-14 NPT		C	
• M12 connectors (stainless steel) ²⁾		F	
Display			
• Without display		0	
• Without visible display (display concealed, setting: mA)		1	
• With visible display		6	
• With customer-specific display (setting as specified, Order Code "Y21" required)		7	
► Available ex stock			

Power supply units see Chap. 7 "Supplementary Components".

Included in delivery of the device:

- Brief instructions (Leporello)
- CD-ROM with detailed documentation
- sealing ring

1) Only with "PMC Style Standard"process connection

2) M12 delivered without cable socket

Selection and Ordering data		Order No.	
SITRANS P pressure transmitter for gauge pressure, with PMC connection		7 MF 4 1 3 4 -	
DS III with PROFIBUS PA (PA)		7 MF 4 1 3 5 -	
DS III with FOUNDATION Fieldbus (FF)			
Measuring cell filling	Measuring cell cleaning		
Silicone oil	normal	1	
Inert liquid	grease-free to cleanliness level 2	3	
Nominal measuring range			
1 bar ¹⁾	(14.5 psi) ¹⁾	B	
4 bar	(58 psi)	C	
16 bar	(232 psi)	D	
Wetted parts materials			
Seal diaphragm	Connection shank		
Hastelloy	Stainless steel	B	
Process connection²⁾			
• 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			
• Housing made of die-cast aluminium		0	
• Housing stainless steel precision casting		3	
Version			
• Standard versions		1	
• International version, English label inscriptions, documentation in 5 languages on CD (no order code selectable)		2	
Explosion protection			
• None		A	
Electrical connection / cable entry			
• Screwed gland M20x1.5		B	
• Screwed gland ½-14 NPT		C	
• M12 connectors (stainless steel) ³⁾		F	
Display			
• Without display		0	
• Without visible display (display concealed, setting: mA)		1	
• With visible display		6	
• With customer-specific display (setting as specified, Order Code "Y21" required)		7	
► Available ex stock			
Included in delivery of the device:			
• Brief instructions (Leporello)			
• CD-ROM with detailed documentation			
• sealing ring			

1) Only with "PMC Style Standard"process connection

2) Sealing is included in delivery.

3) M12 delivered without cable socket

Selection and Ordering data		Order code		
Further designs		HART	PA	FF
Add "-Z" to Order No. and specify Order Code.				
Plug • Angled • Han 8D (metal, gray)		A32 A33	✓ ✓	
M12 cable sockets (metal)		A50	✓	✓
Rating plate inscription (instead of German) • English • French • Spanish • Italian		B11 B12 B13 B14	✓ ✓ ✓ ✓	✓ ✓ ✓ ✓
English rating plate Pressure units in inH ₂ O and/or psi		B21	✓	✓
Quality inspection certificate (Five-step factory calibration) to IEC 60770-2		C11	✓	✓
Inspection certificate Acc. to EN 10204-3.1		C12	✓	✓
Factory certificate Acc. to EN 10204-2.2		C14	✓	✓
"Functional safety (SIL2)" certificate acc. to IEC 61508		C20	✓	
"Functional safety (SIL2/3)" certificate acc. to IEC 61508		C23	✓	
Device passport Russia (For price request please contact the technical support www.siemens.com/automation/support-request)		C99	✓	✓
Output signal can be set to upper limit of 22.0mA		D05	✓	✓
Degree of protection IP65/IP68 (only for M20 x 1.5 and ½-14 NPT)		D12	✓	✓
Export approval Korea		E11	✓	✓
Mounting • Weldable sockets for standard 1½" threaded connection • Weldable socket for minibolt connection 1" (incl. screw 5/16-18 UNC-2B and washer)		P01 P02	✓ ✓	✓ ✓

Selection and Ordering data		Order code		
Additional data		HART	PA	FF
Please add "-Z" to Order No. and specify Order code(s) and plain text.				
Measuring range to be set Specify in plain text (max. 5 characters): Y01: ... up to ... mbar, bar, kPa, MPa, psi		Y01	✓	
Stainless steel tag plate (measuring point description) 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: bar): Y21: mbar, bar, kPa, MPa, psi, ... Note: The following pressure units can be selected: bar, mbar, mm H ₂ O ⁺ , inH ₂ O ⁺ , ftH ₂ O ⁺ , 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 units¹⁾ 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 possible between 1 and 126 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: C11 + Y01 + Y21 C line: Y01: 1 ... 10 bar (14.5 ... 145 psi) C line: Y21: bar (psi)				

¹⁾ Preset values can only be changed over SIMATIC PDM.