

Pressure Measurement

Transmitters for food, pharmaceuticals and biotechnology

SITRANS P300 for gauge and absolute pressure

1

Selection and Ordering data		Article No.
SITRANS P300 pressure transmitters for relative and absolute pressure , single-chamber measuring housing, rating plate inscription in English		
4 ... 20 mA/HART		7 MF 8 0 2 3 -
PROFIBUS PA		7 MF 8 0 2 4 -
FOUNDATION Fieldbus (FF)		7 MF 8 0 2 5 -
Measuring cell filling		
Silicone oil	normal	1
Inert liquid	Cleanliness level 2 to DIN 25410	3
max. span (min. ... max.)		
0.01 ... 1 bar	(0.145 ... 14.5 psi)	B
0.04 ... 4 bar	(0.58 ... 58 psi)	C
0.16 ... 16 bar	(2.32 ... 232 psi)	D
0.63 ... 63 bar	(9.14 ... 914 psi)	E
1.6 ... 160 bar	(23.2 ... 2320 psi)	F
4 ... 400 bar	(58 ... 5802 psi)	G
2.5 ... 250 mbar a	(0.04 ... 3.63 psia)	Q
13 ... 1300 mbar a	(0.19 ... 18.86 psia)	N
0.05 ... 5 bar a	(0.7 ... 72.5 psia)	T
0.3 ... 30 bar a	(4.35 ... 435 psia)	U
Wetted parts materials		
Seal diaphragm	Measuring cell	
Stainless steel	Stainless steel	A
Hastelloy	Stainless steel	B
Hastelloy	Hastelloy	C
Version for diaphragm seal ^{1) 2) 3) 4) 5)}		Y
Process connection		
• Connection shank G½B to EN 837-1		0
• Female thread ½-14 NPT		1
• Stainless steel oval flange with process connection (Oval flange has no female thread) ⁶⁾		
- Mounting thread 7/16-20 UNF to EN 61518		2
- Mounting thread M10 to DIN 19213		3
- Mounting thread M12 to DIN 19213		4
• Male thread M20 x 1.5		5
• Male thread ½-14 NPT		6
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 (Ex ia)"		B
• Zone 20/21/22 ⁷⁾		C
• Ex nA/nL (Zone 2) ⁸⁾		E
• with FM "intrinsic safety" (cFM _{US})		M
Electrical connection / cable entry		
• Screwed gland M20x1.5 (polyamide) ⁹⁾		A
• Screwed gland M20x1.5 (metal)		B
• Screwed gland M20x1.5 (stainless steel)		C
• M12 connectors (metal), without cable socket		F
• M12 connectors (stainless steel), without cable		G
• Screwed gland ½-14 NPT metal thread ¹⁰⁾		H
• Screwed gland ½-14 NPT stainless steel thread		J

Selection and Ordering data		Article No.
SITRANS P300 pressure transmitters for relative and absolute pressure , single-chamber measuring housing, rating plate inscription in English		
4 ... 20 mA/HART		7 MF 8 0 2 3 -
PROFIBUS PA		7 MF 8 0 2 4 -
FOUNDATION Fieldbus (FF)		7 MF 8 0 2 5 -
Display		
• Without display, with keys, closed lid		1
• With display and keys, closed lid ¹¹⁾		2
• With display and keys, lid with Makrolon pane (setting on HART devices: mA, with PROFIBUS PA and FOUNDATION Fieldbus equipment: pressure units) ¹¹⁾		4
• With display and keys (setting acc. to specifications, Order code "Y21" or "Y22" required), lid with Makrolon pane ¹¹⁾		5
• With display and keys, lid with glass pane (setting on HART devices: mA, with PROFIBUS and FOUNDATION Fieldbus equipment: pressure units) ¹¹⁾		6
• With display and keys (setting acc. to specifications, Order code "Y21" or "Y22" required), lid with glass pane ¹¹⁾		7

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

Included in delivery of the device:

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

- When the manufacturer's certificate (calibration certificate) has to be ordered for transmitters with diaphragm seals according to IEC 60770-2, it is recommended only to order this certificate exclusively with the diaphragm seals. The measuring accuracy of the total combination is certified here.
- If the acceptance test certificate 3.1 is ordered for the transmitter with mounted diaphragm seals this certificate must also be ordered with the respective remote seals.
- The diaphragm seal is to be specified with a separate order number and must be included with the transmitter order number, for example 7MF802-...Y... and 7MF4900-1...B
- The standard measuring cell filling for configurations with remote seals (Y) is silicone oil.
- Remote seal for direct mounting only available in combination with process connection ½-14 NPT.
- M10 fastening thread: Max. span 160 bar (2320 psi)
7/16-20 UNF and M12 fastening thread: Max. span 400 bar (5802 psi)
- Only available together with electrical connection option A
- Only available together with electrical connection options B, C, F or G.
- Only together with HART electronics.
- Without cable gland.
- Display cannot be turned.

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Selection and Ordering data		Article No.
SITRANS P300 pressure transmitters for relative and absolute pressure with front-flush membrane , single-chamber measuring housing, rating plate inscription in English		
4 ... 20 mA/HART		7 MF 8 1 2 3 -
PROFIBUS PA		7 MF 8 1 2 4 -
FOUNDATION Fieldbus (FF)		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
FDA compliant fill fluid		
• Neobee oil	normal	4
max. span		
0.01 ... 1 bar	(0.15 ... 14.5 psi)	B
0.04 ... 4 bar	(0.58 ... 58 psi)	C
0.16 ... 16 bar	(2.32 ... 232 psi)	D
0.63 ... 63 bar	(9.14 ... 914 psi)	E
13 ... 1300 mbar a ¹⁾	(0.19 ... 18.9 psia) ¹⁾	S
0.05 ... 5 bar a ¹⁾	(0.7 ... 72.5 psia) ¹⁾	T
0.03 ... 30 bar a ¹⁾	(4.35 ... 435 psia) ¹⁾	U
Wetted parts materials		
Seal diaphragm	Measuring cell	
Stainless steel	Stainless steel	A
Hastelloy ²⁾	Stainless steel	B
Process connection		
• Flange version with Order code M., N., R. or Q. (see "Further designs")		7
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 (Ex ia)"		B
• Zone 20/21/22 ³⁾		C
• Ex nA/nL (Zone 2) ⁴⁾		E
• with FM "intrinsic safety" (cFM _{US})		M
Electrical connection / cable entry		
• Screwed gland M20x1.5 (polyamide) ⁵⁾		A
• Screwed gland M20x1.5 (metal)		B
• Screwed gland M20x1.5 (stainless steel)		C
• M12 connectors (without cable socket)		F
• M12 connectors (stainless steel), without cable socket		G
• Screwed gland ½-14 NPT metal thread ⁶⁾		H
• Screwed gland ½-14 NPT stainless steel thread ⁶⁾		J

Selection and Ordering data		Article No.
SITRANS P300 pressure transmitters for relative and absolute pressure with front-flush membrane , single-chamber measuring housing, rating plate inscription in English		
4 ... 20 mA/HART		7 MF 8 1 2 3 -
PROFIBUS PA		7 MF 8 1 2 4 -
FOUNDATION Fieldbus (FF)		7 MF 8 1 2 5 -
		■ ■ ■ ■ - ■ ■ ■ ■
Display		
• Without display, with keys, closed lid		1
• With display and keys, closed lid ⁷⁾		2
• With display and keys, lid with Makrolon pane (setting on HART devices: mA, with PROFIBUS PA and FOUNDATION Fieldbus equipment: pressure units) ⁷⁾		4
• With display and keys (setting acc. to specifications, Order code "Y21" or "Y22" required), lid with Makrolon pane ⁷⁾		5
• With display and keys, lid with glass pane (setting on HART devices: mA, with PROFIBUS PA and FOUNDATION Fieldbus equipment: pressure units) ⁷⁾		6
• With display and keys (setting acc. to specifications, Order code "Y21" or "Y22" required), lid with glass pane ⁷⁾		7

Power supply units see Chap. 7 "Supplementary Components"

Included in delivery of the device:

- Brief instruction (Leporello)
- CD-ROM with detailed documentation

¹⁾ Not with temperature decoupler P00 and P10, not for process connections R01, R02, R04, R10 and R11, and can only be ordered in conjunction with silicone oil.
²⁾ Only available for flanges with options M., N. and Q..
³⁾ Only together 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.
⁷⁾ Display cannot be turned.

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Selection and Ordering data	Order code			
Further designs Add "-Z" to Article No. and specify Order code.		HART	PA	FF
Pressure transmitter with mounting bracket (2 shackles, 4 nuts, 4 U-plates, 1 angle) made of: made completely of stainless steel, for wall or pipe mounting	A02	✓	✓	✓
Cable socket for M12 plug • Metal • Stainless steel	A50 A51		✓	✓
Rating plate inscription (instead of English) • German • French • Spanish • Italian	B10 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 60770-2¹⁾	C11	✓	✓	✓
Inspection certificate²⁾ Acc. to EN 10204-3.1	C12	✓	✓	✓
Factory certificate Acc. to EN 10204-2.2	C14	✓	✓	✓
Degree of protection IP65/IP68 (only for M20x1.5 and ½-14 NPT)	D12	✓	✓	✓
Degree of protection IP6k9k (only for M20x1.5)	D46	✓	✓	✓
Ex Approval IEC Ex (Ex ia) (only for transmitter 7MF8...-...-B..)	E45	✓	✓	✓
Ex Approval Ex ia/ib NEPSI	E55	✓	✓	✓
Only for SITRANS P300 with front-flush diaphragm (7MF81...-...)				
Flange to EN 1092-1, Form b1 • DN 25, PN 40 ³⁾ • DN 25, PN 100 ⁴⁾ • DN 40, PN 40 • DN 40, PN 100 • DN 50, PN 16 • DN 50, PN 40 • DN 80, PN 16 • DN 80, PN 40	M11 M21 M13 M23 M04 M14 M06 M16	✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓	✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓	✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓
Flanges to ASME B16.5 • 1", class 150 ⁴⁾ • 1½", class 150 • 2", class 150 • 3", class 150 • 4", class 150 • 1", class 300 ⁴⁾ • 1½", class 300 • 2", class 300 • 3", class 300 • 4", class 300	M40 M41 M42 M43 M44 M45 M46 M47 M48 M49	✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓	✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓	✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓
Threaded connector to DIN 3852-2, form A, thread to ISO 228 • G ¾"-A, front-flush ⁴⁾ • G 1"-A, front-flush ⁴⁾ • G 2"-A, front-flush ⁴⁾	R01 R02 R04	✓ ✓ ✓	✓ ✓ ✓	✓ ✓ ✓
Tank connection⁵⁾ Sealing is included in delivery • TG 52/50, PN 40 • TG 52/150, PN 40	R10 R11	✓ ✓	✓ ✓	✓ ✓

Selection and Ordering data	Order code			
Further designs Add "-Z" to Article No. and specify Order code.		HART	PA	FF
Sanitary process connection according DIN 11851 (Dairy connection with slotted union nut) Certified to 3A ⁶⁾ • DN 50, PN 25 • DN 80, PN 25	N04 N06	✓ ✓	✓ ✓	✓ ✓
Tri-Clamp connection according DIN 32676/ISO 2852 Certified to 3A ⁶⁾ • DN 50/2", PN 16 • DN 65/3", PN 10	N14 N15	✓ ✓	✓ ✓	✓ ✓
Varivent connection Certified to 3A and EHEDG ⁶⁾ • Type N = 68 for Varivent housing DN 40 ... 125 und 1½" ... 6", PN 40	N28	✓	✓	✓
Temperature decoupler up to 200 °C⁷⁾ for front-flush diaphragm version	P00	✓	✓	✓
Temperature decoupler up to 250 °C Measuring cell filling: High-temperature oil (Silicone oil)	P10	✓	✓	✓
Bio-Control sanitary process connection Certified to 3A and EHEDG ⁶⁾ • DN 50, PN 16 • DN 65, PN 16	Q53 Q54	✓ ✓	✓ ✓	✓ ✓
Sanitary process connection to DRD • DN 50, PN 40	M32	✓	✓	✓
SMS socket with union nut • 2" • 2½" • 3"	M67 M68 M69	✓ ✓ ✓	✓ ✓ ✓	✓ ✓ ✓
SMS threaded socket • 2" • 2½" • 3"	M73 M74 M75	✓ ✓ ✓	✓ ✓ ✓	✓ ✓ ✓
IDF socket with union nut ISO 2853 • 2" • 2½" • 3"	M82 M83 M84	✓ ✓ ✓	✓ ✓ ✓	✓ ✓ ✓
IDF threaded socket ISO 2853 • 2" • 2½" • 3"	M92 M93 M94	✓ ✓ ✓	✓ ✓ ✓	✓ ✓ ✓
Sanitary process connection to NEUMO Bio-Connect screw connection Certified to 3A and EHEDG ⁶⁾ • DN 50, PN 16 • DN 65, PN 16 • DN 80, PN 16 • DN 100, PN 16 • DN 2", PN 16 • DN 2½", PN 16 • DN 3", PN 16 • DN 4", PN 16	Q05 Q06 Q07 Q08 Q13 Q14 Q15 Q16	✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓	✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓	✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓
Sanitary process connection to NEUMO Bio-Connect flange connection Certified to 3A and EHEDG ⁶⁾ • DN 50, PN 16 • DN 65, PN 16 • DN 80, PN 16 • DN 100, PN 16 • DN 2", PN 16 • DN 2½", PN 16 • DN 3", PN 16 • DN 4", PN 16	Q23 Q24 Q25 Q26 Q31 Q32 Q33 Q34	✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓	✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓	✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓

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Selection and Ordering data	Order code			Selection and Ordering data	Order code				
Further designs		HART	PA	FF	Additional data		HART	PA	FF
Add "-Z" to Article No. and specify Order code.					Please add "-Z" to Article No. and specify Order code(s) and plain text.				
Sanitary process connection to NEUMO Bio-Connect clamp connection Certified to 3A and EHEDG ⁶⁾					Measuring range to be set Specify in plain text (max. 5 characters): Y01: ... up to ... mbar, bar, kPa, MPa, psi	Y01	✓	✓ ⁸⁾	
• DN 50, PN 16	Q39	✓	✓	✓	Stainless steel tag plate and entry in device variable (measuring point description) Max. 16 characters, specify in plain text: Y15:	Y15	✓	✓	✓
• DN 65, PN 10	Q40	✓	✓	✓	Measuring point text (entry in device variable) Max. 27 characters, specify in plain text: Y16:	Y16	✓	✓	✓
• DN 80, PN 10	Q41	✓	✓	✓	Entry of HART TAG Max. 8 characters, specify in plain text: Y17:	Y17	✓		
• DN 100, PN 10	Q42	✓	✓	✓	Setting of the display 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 ¹⁾ , inH ₂ O ¹⁾ , ftH ₂ O ¹⁾ , mmHG, inHG, psi, Pa, kPa, MPa, g/cm ² , kg/cm ² , Torr, ATM or %) ref. temperature 20 °C	Y21	✓	✓	✓
• DN 2½", PN 16	Q48	✓	✓	✓	Setting of the display in non-pressure units⁹⁾ 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	✓		
• DN 3", PN 10	Q49	✓	✓	✓	Preset bus address (possible between 1 ... 126) Specify in plain text: Y25:	Y25		✓	
• DN 4", PN 10	Q50	✓	✓	✓	Factory mounting of valve manifolds, see accessories. Only Y01, Y15, Y16, Y17, Y21, Y22 and Y25 can be factory preset ✓ = available				
Sanitary process connection to NEUMO Bio-Connect S flange connection Certified to 3A and EHEDG					Ordering example Item line: 7MF8023-1DB24-1AB7-Z B line: A02 + Y01 + Y21 C line: Y01: 1 ... 10 bar (14.5 ... 145 psi) C line: Y21: bar (psi)				
• DN 50, PN 16	Q63	✓	✓	✓	1) When the manufacture's certificate (calibration certificate) has to be ordered for transmitters with diaphragm seals according to IEC 60770-2, it is recommended only to order this certificate exclusively with the diaphragm seals. The measuring accuracy of the <u>total</u> combination is certified here.				
• DN 65, PN 10	Q64	✓	✓	✓	2) If the acceptance test certificate 3.1 is ordered for the transmitter with mounted diaphragm seals this certificate must also be ordered with the respective remote seals.				
• DN 80, PN 10	Q65	✓	✓	✓	3) Special seal in Viton included in the scope of delivery				
• DN 100, PN 10	Q66	✓	✓	✓	4) Cannot be combined with Order codes P00 and P10. Can only be ordered with silicone oil measuring cell filling.				
• DN 2", PN 16	Q72	✓	✓	✓	5) The weldable socket can be ordered under accessories.				
• DN 2½", PN 10	Q73	✓	✓	✓	6) 3A certification only if used in conjunction with 3A-compliant sealing rings.				
• DN 3", PN 10	Q74	✓	✓	✓	7) Certified to 3A. The maximum permissible temperatures of the medium depend on the respective cell fillings.				
• DN 4", PN 10	Q75	✓	✓	✓	8) Measuring accuracies for PROFIBUS PA transmitters with Option Y01 are calculated in the same way as for HART devices.				
Aseptic threaded socket to DIN 11864-1 Form A Certified to 3A and EHEDG					9) Preset values can only be changed over SIMATIC PDM.				
• DN 50, PN 25	N33	✓	✓	✓					
• DN 65, PN 25	N34	✓	✓	✓					
• DN 80, PN 25	N35	✓	✓	✓					
• DN 100, PN 25	N36	✓	✓	✓					
Aseptic flange with notch to DIN 11864-2 Form A Certified to 3A and EHEDG									
• DN 50, PN 16	N43	✓	✓	✓					
• DN 65, PN 16	N44	✓	✓	✓					
• DN 80, PN 16	N45	✓	✓	✓					
• DN 100, PN 16	N46	✓	✓	✓					
Aseptic flange with groove to DIN 11864-2 Form A Certified to 3A and EHEDG									
• DN 50, PN 16	N43 + P11	✓	✓	✓					
• DN 65, PN 16	N44 + P11	✓	✓	✓					
• DN 80, PN 16	N45 + P11	✓	✓	✓					
• DN 100, PN 16	N46 + P11	✓	✓	✓					
Aseptic clamp with groove to DIN 11864-3 Form A Certified to 3A and EHEDG									
• DN 50, PN 25	N53	✓	✓	✓					
• DN 65, PN 25	N54	✓	✓	✓					
• DN 80, PN 16	N55	✓	✓	✓					
• DN 100, PN 16	N56	✓	✓	✓					

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SITRANS P300 Accessories/Spare parts

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Selection and Ordering data	Article No.
<i>Spare parts / Accessories</i>	
Mounting bracket and fastening parts kit made of stainless steel	7MF8997-1AA
Lid without window gasket not included	7MF8997-1BA
Lid with glass window gasket not included	7MF8997-1BD
NBR enclosure sealing	7MF8997-1BG
Measuring point label unlabeled	7MF8997-1CA
Cable gland • metal • plastic (blue)	7MF8997-1EA 7MF8997-1EB
Weldable sockets for PMC connection • PMC Style Standard: Thread 1½" • PMC Style Minibolt: front-flush 1"	7MF4997-2HA 7MF4997-2HB
Gaskets for PMC connection (packing unit = 5 units) • PTFE seal for PMC Style Standard: Thread 1½" • Gasket made of Viton for PMC Style Minibolt: front-flush 1"	7MF4997-2HC 7MF4997-2HD
Weldable socket for TG52/50 and TG52/150 connection • TG52/50 connection • TG52/150 connection02	7MF4997-2HE 7MF4997-2HF
Seals for TG 52/50 and TG 52/150 made of silicone	7MF4997-2HG
Seals for flange connection with front-flush diaphragm Material FPM (Viton), 10 units • DN 25, PN 40 (M11) • DN 25, PN 100 (M21) • 1", class 150 (M40) • 1", class 300 (M45)	7MF4997-2HH 7MF4997-2HJ 7MF4997-2HK 7MF4997-2HL

Selection and Ordering data	Article No.
Operating Instructions¹⁾ • for SITRANS P300 series with HART - German - English - French - Spanish - Italian - Leporello German/English • for SITRANS P300 series with PROFIBUS PA - German - English - French - Spanish - Italian - Leporello German/English	A5E00359580 A5E00359579 A5E00359578 A5E00359576 A5E00359577 A5E00359581 A5E00414587 A5E00414588 A5E00414589 A5E00414590 A5E00414591 A5E00414592
Compact operating instructions The compact operating instructions are available in 21 EU languages on the product CD supplied with each transmitter. They can also be downloaded from the SITRANS P web page.	
Brief instructions (Leporello) • for SITRANS P300 with HART - German/English • for SITRANS P300 with PROFIBUS PA - German/English • for SITRANS P300 with FOUNDATION Fieldbus - German/English	A5E00359581 A5E00414592 A5E01176733
CD with SITRANS P documentation • German, English, French, Spanish, Italian including compact operating instructions in 21 EU languages	A5E00090345
Certificates (order only via SAP) instead of Internet download • hard copy (to order) • on CD (to order)	A5E03252406 A5E03252407
HART modem • with RS232 interface • with USB interface ▶ Available ex stock	7MF4997-1DA 7MF4997-1DB

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

¹⁾ You can download these operating instructions free-of-charge from our Internet site at www.siemens.com/sitransp.

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SITRANS P300 - Factory-mounting of valve manifolds on transmitters

1

Overview

The SITRANS P300 transmitter for gauge and absolute pressure can be delivered factory-fitted with the following valve manifolds:

- 7MF9011-4EA and 7MF9011-4FA valve manifolds for gauge pressure and absolute pressure transmitters

Design

The 7MF9011-4EA valve manifolds are sealed with gaskets made of PTFE between transmitter and the valve manifold as standard. Soft iron, stainless steel and copper gaskets are also available for sealing purposes if preferred.

The 7MF9011-4FA valve manifolds are sealed with PTFE sealing tape between the transmitter and the valve manifold.

Once installed, the complete unit is checked under pressure for leaks (compressed air 6 bar (87 psi)) and is certified leak-proof with a test report to EN 10204 - 2.2.

All valve manifolds should preferably be secured with the respective mounting brackets. The transmitters are mounted on the valve manifold and not on the unit itself.

If you order a mounting bracket when choosing the option "Factory mounting of valve manifolds", you will receive a mounting bracket for the valve manifold instead of a bracket for mounting the transmitter.

If you order an acceptance test certificate 3.1 to EN 10204 when choosing the option "Factory mounting of valve manifolds", a separate certificate is provided for the transmitters and the valve manifolds respectively.

Selection and Ordering data

7MF9011-4FA valve manifold on gauge and absolute pressure transmitters



Add **-Z** to the Article No. of the transmitter and add Order codes

Article No.	Order code
SITRANS P300 7MF802-...1.-...	T03

With process connection female thread 1/2-14 NPT in-sealed with PTFE sealing tape

Delivery incl. high-pressure test certified by test report to EN 10204-2.2

Further designs:

Delivery includes mounting brackets and mounting clips made of stainless steel (instead of the mounting bracket supplied with the transmitter)	A02
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Supplied acceptance test certificate to EN 10204- 3.1 for transmitters and mounted valve manifold	C12
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7MF9011-4EA valve manifold on gauge and absolute pressure transmitters



Add **-Z** to the Article No. of the transmitter and add Order codes

Article No.	Order code
SITRANS P300 7MF802-...0.-...	T02

with process connection collar G1/2 A to EN 837-1 with gasket made of PTFE between valve manifold and transmitter

Alternative sealing material:

- | | |
|-----------------------------------|------------|
| • Soft iron | A70 |
| • Stainless steel, Mat. No. 14571 | A71 |
| • copper | A72 |

Delivery incl. high-pressure test certified by test report to EN 10204-2.2

Further designs:

Delivery includes mounting brackets and mounting clips made of stainless steel (instead of the mounting bracket supplied with the transmitter)	A02
--	------------

Supplied acceptance test certificate to EN 10204- 3.1 for transmitters and mounted valve manifold	C12
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