Selection and Ordering data			Order No.
SITRANS P DS III with HART pressure transmitters for differential pressure and flow, PN 32/160 (MAWP 464/2320 psi)			**7MF4433-**
Measuring cell filling	**Measuring cell cleaning**		
Silicone oil	normal	▶	1
Inert liquid[1]	grease-free to cleanliness level 2		3
Measuring span (min. ... max.)			
PN 32 (MAWP 464 psi)			
1 ... 20 mbar[2]	(0.4015 ... 8.03 inH_2O)	▶	B
PN 160 (MAWP 2320 psi)			
1 ... 60 mbar	(0.4015 ... 24.09 inH_2O)	▶	C
2,5 ... 250 mbar	(1.004 ... 100.4 inH_2O)	▶	D
6 ... 600 mbar	(2.409 ... 240.9 inH_2O)	▶	E
16 ... 1600 mbar	(6.424 ... 642.4 inH_2O)	▶	F
50 ... 5000 mbar	(20.08 ... 2008 inH_2O)	▶	G
0,3 ... 30 bar	(4.35 ... 435 psi)	▶	H
Wetted parts materials			
(stainless steel process flanges)			
Seal diaphragm	Parts of measuring cell		
Stainless steel	Stainless steel	▶	A
Hastelloy	Stainless steel		B
Hastelloy	Hastelloy		C
Tantalum[3]	Tantalum		E
Monel[3]	Monel		H
Gold[3]	Gold		L
Version for diaphragm seal[4][5]			Y
Process connection			
Female thread ¼-18 NPT with flange connection			
• Sealing screw opposite process connection			
- Mounting thread $^7/_{16}$-20 UNF to IEC 61518		▶	2
- Mounting thread M10 to DIN 19213 (only for replacement requirement)			0
• Vent on side of process flange [2]			
- Mounting thread $^7/_{16}$-20 UNF to IEC 61518			6
- Mounting thread M10 to DIN 19213 (only for replacement requirement)			4
Non-wetted parts materials			
process flange screws	Electronics housing		
Stainless steel	Die-cast aluminum	▶	2
Stainless steel	Stainless steel precision casting[6]		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
• With ATEX, Type of protection:			
- "Intrinsic safety (EEx ia)"			B
- "Explosion-proof (EEx d)"[7]			D
- "Intrinsic safety and flameproof enclosure" (EEx ia + EEx d)"[8]			P
- "Ex nA/nL (Zone 2)"			E
- "Intrinsic safety, explosion-proof enclosure and dust explosion protection (EEx ia+ EEx d + Zone 1D/2D)"[8]		▶	R
• With FM + CSA, Type of protection:			
- "Intrinsic Safe und Explosion Proof (is + xp)"[7]			N C

Selection and Ordering data			Order No.
SITRANS P DS III with HART pressure transmitters for differential pressure and flow, PN 32/160 (MAWP 464/2320 psi)			**7MF4433-**
Electrical connection/cable entry			
• Screwed gland Pg 13.5[9]			A
• Screwed gland M20 x 1.5		▶	B
• Screwed gland ½-14 NPT			C
• Han 7D plug (plastic housing) incl. mating connector[9][10]			D
• M12 connectors (metal)[11]			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" or "Y22" required)			7

▶ Available ex stock

Power supply units see Chap. 8 "Supplementary Components".

Included in delivery of the device:
- Brief instructions (Leporello)
- CD-ROM with detailed documentation
- Sealing plug(s) or sealing screw(s) for the process flanges(s)

1) For oxygen application, add Order code E10.

2) Not suitable for connection of remote seal. Position of the top vent valve in the process flange (see dimensional drawing).

3) Not in conjunction with max. span 20 and 60 mbar (8.03 und 24.09 inH_2O))

4) 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 total combination is certified here.

5) 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.

6) Not in conjunction with Electrical connection "Screwed gland Pg 13.5" and "Han7D plug".

7) Without cable gland, with blanking plug

8) With enclosed cable gland EEx ia and blanking plug

9) Not in conjunction with types of protection "Explosion-proof" and "Ex nA", "Intrinsic safety" and "Explosion-proof".

10) Permissible only for crimp-contact of conductor cross-section 1 mm^2

11) M12 delivered without cable socket. Not for Ex version "Explosion-Proof".

Selection and Ordering data	Order No.
Pressure transmitters for differential pressure and flow PN 32/160 (MAWP 464/2320 psi)	
SITRANS P DS III with PROFIBUS PA (PA)	7MF4434-
SITRANS P DS III with FOUNDATION Fieldbus (FF)	7MF4435-
	■■■■■-■■■■
Measuring cell filling / **Measuring cell cleaning**	
Silicone oil / normal	1
Inert liquid[1] / grease-free to cleanliness level 2	3
Nominal measuring range	
PN 32 (MAWP 464 psi)	
20 mbar [2] / (8.03 inH_2O)	B
PN 160 (MAWP 2320 psi)	
60 mbar / (24.09 inH_2O)	C
250 mbar / (100.4 inH_2O)	D
600 mbar / (240.9 inH_2O)	E
1600 mbar / (642.4 inH_2O)	F
5 bar / (2008 inH_2O)	G
30 bar / (435 psi)	H
Wetted parts materials (stainless steel process flanges)	
Seal diaphragm / Parts of measuring cell	
Stainless steel / Stainless steel	A
Hastelloy / Stainless steel	B
Hastelloy / Hastelloy	C
Tantalum [3] / Tantalum	E
Monel[3] / Monel	H
Gold [3] / Gold	L
Version as diaphragm seal [4][5]	Y
Process connection	
Female thread ¼-18 NPT with flange connection	
• Sealing screw opposite process connection	
- Mounting thread $^7/_{16}$-20 UNF to IEC 61518 ►	2
- Mounting thread M10 to DIN 19213 (only for replacement requirement)	0
• Venting on side of process flanges[2]	
- Mounting thread $^7/_{16}$-20 UNF to IEC 61518	6
- Mounting thread M10 to DIN 19213 (only for replacement requirement)	4
Non-wetted parts materials	
process flange screws / Electronics housing	
Stainless steel / Die-cast aluminum	2
Stainless steel / 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
• With ATEX, Type of protection:	
- "Intrinsic safety (EEx ia)"	B
- "Explosion-proof (EEx d)"[6]	D
- "Intrinsic safety and flameproof enclosure" (EEx ia + EEx d)"[7]	P
- "Ex nA/nL (Zone 2)"	E
- "Intrinsic safety, explosion-proof enclosure and dust explosion protection (EEx ia + EEx d + Zone 1D/2D)"[7] (not for DS III FF)	R
• With FM + CSA, Type of protection:	
- "Intrinsic Safe und Explosion Proof (is + xp)"[6]	NC

Selection and Ordering data	Order No.
Pressure transmitters for differential pressure and flow PN 32/160 (MAWP 464/2320 psi)	
SITRANS P DS III with PROFIBUS PA (PA)	7MF4434-
SITRANS P DS III with FOUNDATION Fieldbus (FF)	7MF4435-
	■■■■■-■■■■
Electrical connection/cable entry	
• Screwed gland M20 x 1.5	B
• Screwed gland ½-14 NPT	C
• M12 connectors (metal)[8]	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 plug(s) or sealing screw(s) for the process flanges(s)

1) For oxygen application, add Order code E10.

2) Not suitable for connection of remote seal. Position of the top vent valve in the process flange (see dimensional drawing).

3) Not in conjunction with max. span 20 and 60 mbar (8.03 und 24.09 inH_2O))

4) 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 total combination is certified here.

5) 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.

6) Without cable gland, with blanking plug.

7) With enclosed cable gland EEx ia and blanking plug.

8) M12 delivered without cable socket

Selection and Ordering data	Order code	HART	PA	FF
Further designs Add "**-Z**" to Order No. and specify Order Code.				
Pressure transmitter with mounting bracket (2 shackles, 4 nuts, 4 U-plates, 1 angle) made of:				
• Steel	**A01**	✓	✓	✓
• Stainless steel	**A02**	✓	✓	✓
O-rings for process flanges (instead of FPM (Viton))				
• PTFE (Teflon)	**A20**	✓	✓	✓
• FEP (with silicone core, approved for food)	**A21**	✓	✓	✓
• FFPM (Kalrez, compound 4079)	**A22**	✓	✓	✓
• NBR (Buna N)	**A23**	✓	✓	✓
plug				
• Han 7D (metal, gray)	**A30**	✓		
• Han 8U (instead of Han 7D)	**A31**	✓		
• Angled	**A32**	✓		
• Han 8D (metal, gray)	**A33**	✓		
Sealing screws (2 unit(s)) ¼-18 NPT, with valve in mat. of process flanges	**A40**	✓	✓	✓
Cable sockets for M12 connectors (metal)	**A50**	✓	✓	✓
Rating plate inscription (instead of German)				
• English	**B11**	✓	✓	✓
• French	**B12**	✓	✓	✓
• Spanish	**B13**	✓	✓	✓
• Italian	**B14**	✓	✓	✓
English rating plate Pressure units in inH_2O and/or psi	**B21**	✓	✓	✓
Quality inspection certificate (Five-step factory calibration) to IEC 60770-2[1]	**C11**	✓	✓	✓
Inspection certificate[2] to EN 10204-3.1	**C12**	✓	✓	✓
Factory certificate to EN 10204-2.2	**C14**	✓	✓	✓
"Functional safety (SIL2)" certificate to IEC 61508	**C20**	✓		
PROFIsafe certificate and protocol	**C21**		✓	
"Functional safety (SIL2/3)" certificate to IEC 61508	**C23**	✓		
Device passport Russia (For price request please contact the technical support www.siemens.com/automation/support-request)	**C99**	✓	✓	✓
Setting of upper limit of output signal to 22.0 mA	**D05**	✓		
Manufacturer's declaration acc. to NACE (only together with seal diaphragm made of Hastelloy and stainless steel)	**D07**	✓	✓	✓
Degree of protection IP68 (only for M20 x 1.5 and ½-14 NPT)	**D12**	✓	✓	✓
Process flange screws made of Monel (max. nominal pressure PN20)	**D34**	✓	✓	✓
Supplied with oval flange set (2 items), PTFE packings and screws in thread of process flanges	**D37**	✓	✓	✓
Use in or on zone 1D/2D (only together with type of protection "Intrinsic safety (EEx ia)")	**E01**	✓	✓	✓
TÜV approval to AD/TRD (only together with type of protection "Intrinsic safety (EEx ia)")	**E06**	✓		

Selection and Ordering data	Order code	HART	PA	FF
Further designs Add "**-Z**" to Order No. and specify Order Code.				
Overfilling safety device for flammable and non-flammable liquids (max. PN 32 (MAWP 464 psi), basic device with type of protection "Intrinsic safety (EEx ia)", to WHG and VbF, not together with measuring cell filling "inert liquid")	**E08**	✓		
Oxygen application (In the case of oxygen measurement and inert liquid max. 120 bar a (1740 psia) at 60°C (140 °F))	**E10**	✓	✓	✓
Export approval Korea	**E11**	✓	✓	✓
Explosion-proof "Intrinsic safety" (Ex ia) to INMETRO (Brazil) (only for transmitter 7MF4...-.....-.B..)	**E25**	✓	✓	✓
Explosion-proof "Intrinsic safety" (Ex d) to INMETRO (Brazil) (only for transmitter 7MF4...-.....-.D..)	**E26**	✓	✓	✓
Explosion-proof "Intrinsic safety" (Ex ia + Ex d) to INMETRO (Brazil) (only for transmitter 7MF4...-.....-.P..)	**E28**	✓	✓	
Ex Approval IEC Ex (EEx ia) (only for transmitter 7MF4...-.....-.B..)	**E45**	✓	✓	✓
Ex Approval IEC Ex (EEx id) (only for transmitter 7MF4...-.....-.D..)	**E46**	✓	✓	✓
Explosion-proof "Intrinsic safety" to NEPSI (China) (only for transmitter 7MF4...-.....-.B..)	**E55**	✓	✓	✓
Explosion protection "Explosion-proof" to NEPSI (China) (only for transmitter 7MF4...-.....-.D..)	**E56**	✓	✓	✓
Explosion-proof "Zone 2" to NEPSI (China) (only for transmitter 7MF4...-.....-.E..)	**E57**	✓	✓	✓
Two coats of lacquer on casing and cover (PU on epoxy)	**G10**	✓	✓	✓
Interchanging of process connection side	**H01**	✓	✓	✓
Vent on side for gas measurements	**H02**	✓	✓	✓
Stainless steel process flanges for vertical differential pressure lines (not together with K01, K02 and K04)[3]	**H03**	✓	✓	✓
Process flange				
• Hastelloy	**K01**	✓	✓	✓
• Monel	**K02**	✓	✓	✓
• Stainless steel with PVDF insert max. PN 10 (MAWP 145 psi), max. temperature of medium 90 °C (194 °F) For ½-14 NPT inner process connection on the side in the middle of the process flange, vent valve not possible	**K04**	✓	✓	✓

Factory mounting of valve manifolds, see accessories.

Supplementary electronics for 4-wire connection, see accessories.

✓ = available

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 total combination is certified here.

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.

3) Not suitable for connection of remote seal

Selection and Ordering data	Order code	HART	PA	FF
Additional data Please add "**-Z**" to Order No. and specify Order code(s) and plain text.				
Measuring range to be set Specify in plain text: • in the case of linear characteristic curve (max. 5 characters): Y01: ... up to ... mbar, bar, kPa, MPa, psi • in the case of square rooted characteristic (max. 5 characters): Y02: ... up to ... mbar, bar, kPa, MPa, psi	**Y01** **Y02**	✓ ✓		
Stainless steel tag plate (measuring point description) Max. 16 char., specify in plain text: Y15:	**Y15**	✓	✓	✓
Measuring point text Max. 27 char., specify in plain text: Y16:	**Y16**	✓	✓	✓
Entry of HART address (TAG) Max. 8 char., specify in plain text: Y17:	**Y17**	✓		
Setting of pressure indicator 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_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 indicator in non-pressure units[1)] Specify in plain text: Y22: ..... up to ..... l/min, m^3/h, m, USgpm, ... (specification of measuring range in pressure units "Y01" or "Y02" is essential, unit with max. 5 characters)	**Y22**[2)] **+** **Y01** *or* **Y02**	✓		
Preset bus address possible between 1 and 126 Specify in plain text: Y25:	**Y25**		✓	

Factory mounting of valve manifolds, see accessories.

Only "Y01", "Y21", "Y22", "Y25" and "D05" can be factory preset

✓ = available

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

2) Not in conjunction with over-filling safety device for flammable and non-flammable liquids (Order Code "E08")

Selection and Ordering data		Order No.
SITRANS P DS III with HART pressure transmitters for differential pressure and flow, PN 420 (MAWP 6092 psi)		7MF4533-
Measuring cell filling	**Measuring cell cleaning**	
Silicone oil	normal	1
Measuring span (min. ... max.)		
2.5 ... 250 mbar	(1.004 ... 100.4 inH_2O)	D
6 ... 600 mbar	(2.409 ... 240.9 inH_2O)	E
16 ... 1600 mbar	(6.424 ... 642.4 inH_2O)	F
50 ... 5000 mbar	(20.08 ... 2008 inH_2O)	G
0.3 ... 30 bar	(4.35 ... 435 psi)	H
Wetted parts materials		
(stainless steel process flanges)		
Seal diaphragm	Parts of measuring cell	
Stainless steel	Stainless steel	A
Hastelloy	Stainless steel	B
Gold[1)]	Gold	L
Connection of remote seal possible on request		
Process connection		
Female thread ¼-18 NPT with flange connection		
• Sealing screw opposite process connection		
- Mounting thread $^7/_{16}$-20 UNF to IEC 61518 ►		3
- Mounting thread M12 to DIN 19213 (only for replacement requirement)		1
• Venting on side of process flanges, location of vent valve at top of process flanges (see dimensional drawing)		
- Mounting thread $^7/_{16}$-20 UNF to IEC 61518		7
- Mounting thread M12 to DIN 19213 (only for replacement requirement)		5
Non-wetted parts materials		
process flange screws	Electronics housing	
Stainless steel	Die-cast aluminum	2
Stainless steel	Stainless steel precision casting[2)]	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
• With ATEX, Type of protection:		
- "Intrinsic safety (EEx ia)"		B
- "Explosion-proof (EEx d)"[3)]		D
- "Intrinsic safety and flameproof enclosure" (EEx ia + EEx d)"[4)]		P
- "Ex nA/nL (Zone 2)"		E
- "Intrinsic safety, explosion-proof enclosure and dust explosion protection (EEx ia+ EEx d + Zone 1D/2D)"[4)]		R
• With FM + CSA, Type of protection:		
- "Intrinsic safety and explosion-proof (is + xp)" [3)], max PN 360		N C
Electrical connection/cable entry		
• Screwed gland Pg 13.5[5)]		A
• Screwed gland M20x1.5		B
• Screwed gland ½-14 NPT		C
• Han 7D plug (plastic housing) incl. mating connector[5)6)]		D
• M12 connectors (metal)[7)]		F

Selection and Ordering data	Order No.
SITRANS P DS III with HART pressure transmitters for differential pressure and flow, PN 420 (MAWP 6092 psi)	7MF4533-
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" or "Y22" required)	7

► Available ex stock

Power supply units see Chap. 8 "Supplementary Components".

Scope of delivery: Pressure transmitter as ordered (Instruction Manual is extra ordering item)

1) Not in conjunction with max. span 600 mbar (240.9 inH_2O)

2) Not in conjunction with Electrical connection "Screwed gland Pg 13.5" and "Han7D plug".

3) Without cable gland, with blanking plug

4) With enclosed cable gland EEx ia and blanking plug

5) Not in conjunction with types of protection "Explosion-proof" and "Ex nA", "Intrinsic safety" and "Explosion-proof".

6) Permissible only for crimp-contact of conductor cross-section 1 mm^2

7) M12 delivered without cable socket

Selection and Ordering data	Order No.
Pressure transmitters for differential pressure and flow, PN 420 (MAWP 6092 psi)	
SITRANS P DS III with PROFIBUS PA (PA)	7MF4534-
SITRANS P DS III with FOUNDATION Fieldbus (FF)	7MF4535-
	1 ■■■■-■■■

Nominal measuring range

250 mbar	(100.4 inH_2O)	D
600 mbar	(240.9 inH_2O)	E
1600 mbar	(642.4 inH_2O)	F
5 bar	(2008 inH_2O)	G
30 bar	(435 psi)	H

Wetted parts materials

(stainless steel process flanges)

Seal diaphragm	Parts of measuring cell	
Stainless steel	Stainless steel	A
Hastelloy	Stainless steel	B
Gold [1]	Gold	L

Connection of remote seal possible on request

Process connection

Female thread ¼-18 NPT with flange connection

- Sealing screw opposite process connection
  - Mounting thread $^7/_{16}$-20 UNF to IEC 61518 ► 3
  - Mounting thread M12 to DIN 19213 (only for replacement requirement) 1
- Venting on side of process flanges, location of vent valve at top of process flanges (see dimensional drawing).
  - Mounting thread $^7/_{16}$-20 UNF to IEC 61518 7
  - Mounting thread M12 to DIN 19213 (only for replacement requirement) 5

Non-wetted parts materials

Process flange screws	Electronics housing	
Stainless steel	Die-cast aluminum	2
Stainless steel	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
- With ATEX, Type of protection:
  - "Intrinsic safety (EEx ia)" B
  - "Explosion-proof (EEx d)"[2] D
  - "Intrinsic safety and flameproof enclosure" (EEx ia + EEx d)"[3] P
  - "Ex nA/nL (Zone 2)" E
  - "Intrinsic safety, explosion-proof enclosure and dust explosion protection (EEx ia + EEx d + Zone 1D/2D)"[3] (not for DS III FF) R
- With FM + CSA, Type of protection:
  - "Intrinsic safety and explosion-proof (is + xp)"[2], max PN 360 NC

Electrical connection/cable entry

- Screwed gland M20 x 1.5 B
- Screwed gland ½-14 NPT C
- M12 connectors (metal)[4] F

Selection and Ordering data	Order No.
Pressure transmitters for differential pressure and flow, PN 420 (MAWP 6092 psi)	
SITRANS P DS III with PROFIBUS PA (PA)	7MF4534-
SITRANS P DS III with FOUNDATION Fieldbus (FF)	7MF4535-
	1 ■■■■-■■■■

Display

- Without (display hidden) 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 plug(s) or sealing screw(s) for the process flanges(s)

[1] Not in conjunction with max. span 600 mbar (240.9 inH_2O)

[2] Without cable gland, with blanking plug.

[3] With enclosed cable gland EEx ia and blanking plug.

[4] M12 delivered without cable socket

Selection and Ordering data	Order code	HART	PA	FF
Further designs Add "**-Z**" to Order No. and specify Order Code.				
Pressure transmitter with mounting bracket (2 shackles, 4 nuts, 4 U-plates, 1 angle) made of:				
• Steel	**A01**	✓	✓	✓
• Stainless steel	**A02**	✓	✓	✓
O-rings for process flanges (instead of FPM (Viton))				
• PTFE (Teflon)	**A20**	✓	✓	✓
• FEP (with silicone core, approved for food)	**A21**	✓	✓	✓
• FFPM (Kalrez, compound 4079)	**A22**	✓	✓	✓
• NBR (Buna N)	**A23**	✓	✓	✓
Plug				
• Han 7D (metal, gray)	**A30**	✓		
• Han 8U (instead of Han 7D)	**A31**	✓		
• Angled	**A32**	✓		
• Han 8D (metal, gray)	**A33**	✓		
Sealing screws (2 unit(s)) ¼-18 NPT, with valve in mat. of process flanges	**A40**	✓	✓	✓
Cable sockets for M12 connectors (metal)	**A50**	✓	✓	✓
Rating plate inscription (instead of German)				
• English	**B11**	✓	✓	✓
• French	**B12**	✓	✓	✓
• Spanish	**B13**	✓	✓	✓
• Italian	**B14**	✓	✓	✓
English rating plate Pressure units in inH_2O 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 to IEC 61508	**C20**	✓		
PROFIsafe certificate and protocol	**C21**		✓	
"Functional safety (SIL2/3)" certificate to IEC 61508	**C23**	✓		
Device passport Russia (For price request please contact the technical support www.siemens.com/automation/support-request)	**C99**	✓	✓	✓
Setting of upper limit of output signal to 22.0 mA	**D05**	✓		
Manufacturer's declaration acc. to NACE (only together with seal diaphragm made of Hastelloy and stainless steel)	**D07**	✓	✓	✓
Degree of protection IP68 (only for M20 x 1.5 and ½-14 NPT)	**D12**	✓	✓	✓
Nominal pressure rating PN 500 (MAWP 7250 psi) (Only for measuring cell 600 mbar ... 30 bar (240 inH_2O ... 435 psi), SIL- und Ex-options not possible))[2]	**D56**	✓		
Use in or on zone 1D/2D (only together with type of protection "Intrinsic safety (EEx ia)")	**E01**	✓	✓	✓
Export approval Korea	**E11**	✓	✓	✓
Explosion-proof "Intrinsic safety" (Ex ia) to INMETRO (Brazil) (only for transmitter 7MF4...-.....-.B..)	**E25**	✓	✓	✓
Explosion-proof "Intrinsic safety" (Ex d) to INMETRO (Brazil) (only for transmitter 7MF4...-.....-.D..)	**E26**	✓	✓	✓
Explosion-proof "Intrinsic safety" (Ex ia + Ex d) to INMETRO (Brazil) (only for transmitter 7MF4...-.....-.P..)	**E28**	✓	✓	
Ex Approval IEC Ex (EEx ia) (only for transmitter 7MF4...-.....-.B..)	**E45**	✓	✓	✓
Ex Approval IEC Ex (EEx id) (only for transmitter 7MF4...-.....-.D..)	**E46**	✓	✓	✓
Explosion-proof "Intrinsic safety" to NEPSI (China) (only for transmitter 7MF4...-.....-.B..)	**E55**	✓	✓	✓
Ex prot. "Explosion-proof" to NEPSI (China) (only for transmitter 7MF4...-.....-.D..)	**E56**	✓	✓	✓
Explosion-proof "Zone 2" to NEPSI (China) (only for transmitter 7MF4...-.....-.E..)	**E57**	✓	✓	✓
Two coats of lacquer on casing and cover (PU on epoxy)	**G10**	✓	✓	✓
Interchanging of process connection side	**H01**	✓	✓	✓
Stainless steel process flanges for vertical differential pressure lines	**H03**	✓	✓	✓
Additional data Please add "**-Z**" to Order No. and specify Order code(s) and plain text.				
Measuring range to be set Specify in plain text:				
• in the case of linear characteristic curve (max. 5 characters): Y01: ... up to ... mbar, bar, kPa, MPa, psi	**Y01**	✓		
• in the case of square rooted characteristic (max. 5 characters): Y02: ... up to ... mbar, bar, kPa, MPa, psi	**Y02**	✓		
Stainless steel tag plate (measuring point description) Max. 16 char., specify in plain text: Y15:	**Y15**	✓	✓	✓
Measuring point text Max. 27 char., specify in plain text: Y16:	**Y16**	✓	✓	✓
Entry of HART address (TAG) Max. 8 char., 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_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[1] Specify in plain text: Y22: ..... up to ..... l/min, m^3/h, m, USgpm, ... (specification of measuring range in pressure units "Y01" or "Y02" is essential, unit with max. 5 characters)	**Y22 +** **Y01** *or* **Y02**	✓		
Preset bus address possible between 1 and 126 Specify in plain text: Y25:	**Y25**		✓	

Factory mounting of valve manifolds, see accessories.

Only "Y01", "Y21", "Y22", "Y25" and "D05" can be factory preset.

✓ = available

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

2) Tested according to IEC 61010. Only for measuring materials of the group of fluids 2 in accordance with DGRL permissible. Not for use with dangerous media suitable.