Selection and Ordering		(Orde	r N	lo.			
SITRANS P DS III with	HART pressure trans-	7 M F 4 4 3 3 -						
mitters for differential PN 32/160 (MAWP 464/		1	П		-			i
Measuring cell filling	Measuring cell	1		П			ı	T
	cleaning							
Silicone oil	Horman		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 ₂ O)		В					
==	` /		В					
PN 160 (MAWP 2320 ps								
1 60 mbar	(0.4015 24.09 inH ₂ O)		С					
2,5 250 mbar			D					
6 600 mbar	(=:::::::::::::::::::::::::::::::::::::		E					
16 1600 mbar	(***=**********************************		F					
50 5000 mbar	(======================================		G					
0,3 30 bar	(4.35 435 psi)		Н					
Wetted parts materials								
(stainless steel process								
Seal diaphragm	Parts of measuring cell							
Stainless steel	Stainless steel	-	Α					
Hastelloy	Stainless steel		В					
Hastelloy	Hastelloy		С					
Tantalum ³⁾	Tantalum		E					
Monel ³⁾	Monel		Н					
Gold ³⁾	Gold		L					
Version for diaphragm s	eal ⁴⁾⁵⁾		Υ					
Process connection								
Female thread 1/4-18 NP	T with flange connection							
 Sealing screw opposit 	e process connection							
- Mounting thread 7/16	-20 UNF to IEC 61518	-		2				
- Mounting thread M1				0				
(only for replacemen								
 Vent on side of proces 	s flange ²⁾							
- Mounting thread ⁷ / ₁₆	-20 UNF to IEC 61518			6				
 Mounting thread M10 (only for replacement 	0 to DIN 19213			4				
	· · · · · · · · · · · · · · · · · · ·	-						
Non-wetted parts mate process flange screws								
Stainless steel	Die-cast aluminum							
Stainless steel Stainless steel	Stainless steel precision			3				
Stamiess steel	casting ⁶⁾			3	•			
Version	. 3	-[
Standard versions						1		
	English label inscriptions,					2		
documentation in 5 lar								
(no order code selecta								
Explosion protection								
• None						A	V.	
 With ATEX, Type of pro 	otection:							
- "Intrinsic safety (EEx						E	3	
- "Explosion-proof (EE	x d)" ⁷⁾					0)	
- "Intrinsic safety and	flameproof enclosure"					F)	
(EEx ia + EEx d)"8)								
- "Ex nA/nL (Zone 2)"						E		
- "Intrinsic safety, explo	osion-proof enclosure and					F	ì	
dust explosion prote	ction (EEx ia+ EEx d +							
• With FM + CSA, Type of protection:								

- "Intrinsic Safe und Explosion Proof (is + xp)"7)

Selection and Ordering data	Order No.
SITRANS P DS III with HART pressure trans-	7 M F 4 4 3 3 -
mitters for differential pressure and flow, PN 32/160 (MAWP 464/2320 psi)	
Electrical connection/cable entry	
 Screwed gland Pg 13.5⁹⁾ 	A
• Screwed gland M20 x 1.5	В
• Screwed gland ½-14 NPT	С
 Han 7D plug (plastic housing) incl. mating connector⁹⁾¹⁰ 	D
• M12 connectors (metal) ¹¹⁾	F
Display	
Without display	0
Without visible display	1
(display concealed, setting: mA)	
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 in H_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 mm²
- ¹¹⁾M12 delivered without cable socket. Not for Ex version "Explosion-Proof".

Selection and Ordering data				Order No.				
	s for differential pressure							
and flow PN 32/160 (I	• •	_						
SITRANS P DS III witi	n PROFIBUS PA (PA)	7 M F 4 4 3 4 -						
SITRANS P DS III witi (FF)	h FOUNDATION Fieldbus	7 M F 4 4 3 5 -						
(FF)								
Measuring cell filling	Measuring cell			Н	Ť	T	Н	
	cleaning							
Silicone oil	normal	1						
Inert liquid ¹⁾	grease-free to cleanliness level 2	3						
Nominal measuring r								
PN 32 (MAWP 464 psi	_							
20 mbar ²⁾	(8.03 inH ₂ O)		В					
PN 160 (MAWP 2320 p	osi)							
60 mbar	(24.09 inH ₂ O)		С					
250 mbar	(100.4 inH ₂ O)		D					
600 mbar	(240.9 inH ₂ O)		E					
1600 mbar	(642.4 inH ₂ O)		F					
5 bar	(2008 inH ₂ O)		G					
30 bar	(435 psi)		Н					
Wetted parts materia	ls							
(stainless steel proces								
Seal diaphragm	Parts of measuring cell							
Stainless steel	Stainless steel		Α					
Hastelloy	Stainless steel		В					
Hastelloy	Hastelloy		С					
Tantalum ³⁾	Tantalum		E					
Monel ³⁾	Monel		Н					
Gold ³⁾	Gold		L					
Version as diaphragm	seal ⁴⁾⁵⁾		Υ					
Process connection		-						
	PT with flange connection							
	site process connection							
- Mounting thread //	20 LINE to IEC 61518			2				
	16-20 UNF to IEC 61518			2				
- Mounting thread M	10 to DIN 19213			0				
 Mounting thread M (only for replacement 	10 to DIN 19213 ent requirement)							
Mounting thread M (only for replacemeVenting on side of pr	10 to DIN 19213 ent requirement) ocess flanges ²⁾			0				
 Mounting thread M (only for replaceme Venting on side of pr Mounting thread ⁷/ 	10 to DIN 19213 ent requirement) ocess flanges ²⁾ ₁₆ -20 UNF to IEC 61518			0 6				
Mounting thread M (only for replacemeVenting on side of pr	10 to DIN 19213 ent requirement) ocess flanges ²⁾ ₁₆ -20 UNF to IEC 61518 10 to DIN 19213			0				
 Mounting thread M (only for replacement Venting on side of pr Mounting thread ⁷/ Mounting thread M (only for replacement 	10 to DIN 19213 ent requirement) ocess flanges ²⁾ ₁₆ -20 UNF to IEC 61518 10 to DIN 19213 ent requirement)			0 6				
 Mounting thread M (only for replacement Venting on side of property of the Mounting thread M (only for replacement Non-wetted parts ma 	10 to DIN 19213 ent requirement) ocess flanges ²⁾ ₁₆ -20 UNF to IEC 61518 10 to DIN 19213 ent requirement)			0 6				
 Mounting thread M (only for replacement of venting on side of preserved for the property of the property of the process flange screws) 	10 to DIN 19213 ent requirement) ocess flanges ²⁾ ₁₆ -20 UNF to IEC 61518 10 to DIN 19213 ent requirement)	_		0 6	2			
 Mounting thread M (only for replacement of the property of the pr	10 to DIN 19213 ent requirement) ocess flanges ²⁾ 16-20 UNF to IEC 61518 10 to DIN 19213 ent requirement) terials Electronics housing Die-cast aluminum Stainless steel precision			0 6	2 3			
 Mounting thread M (only for replacement of the property of the pr	10 to DIN 19213 ent requirement) ocess flanges ²⁾ 16-20 UNF to IEC 61518 10 to DIN 19213 ent requirement) terials Electronics housing Die-cast aluminum			0 6				
- Mounting thread M (only for replacement) • Venting on side of price of the mounting thread 7/ - Mounting thread M (only for replacement) Non-wetted parts main process flange screws Stainless steel Stainless steel	10 to DIN 19213 ent requirement) ocess flanges ²⁾ 16-20 UNF to IEC 61518 10 to DIN 19213 ent requirement) terials Electronics housing Die-cast aluminum Stainless steel precision			0 6				
- Mounting thread M (only for replacement) • Venting on side of price of the mounting thread 7/ - Mounting thread M (only for replacement) Non-wetted parts main process flange screws Stainless steel Stainless steel Version • Standard versions	10 to DIN 19213 ent requirement) ocess flanges ²⁾ 16-20 UNF to IEC 61518 10 to DIN 19213 ent requirement) terials Electronics housing Die-cast aluminum Stainless steel precision casting	_		0 6		1		
- Mounting thread M (only for replacement) • Venting on side of price of the mounting thread T/ - Mounting thread M (only for replacement) Non-wetted parts mainly process flange screws Stainless steel Stainless steel Version • Standard versions • International version,	10 to DIN 19213 ent requirement) ocess flanges ²⁾ 16-20 UNF to IEC 61518 10 to DIN 19213 ent requirement) terials Electronics housing Die-cast aluminum Stainless steel precision casting English label inscriptions,	_		0 6		1 2		
- Mounting thread M (only for replacement of the control of the c	10 to DIN 19213 ent requirement) ocess flanges ²⁾ 16-20 UNF to IEC 61518 10 to DIN 19213 ent requirement) terials Electronics housing Die-cast aluminum Stainless steel precision casting English label inscriptions, anguages on CD	_		0 6		- 1		
- Mounting thread M (only for replacement of the control of the c	10 to DIN 19213 ent requirement) ocess flanges ²⁾ 16-20 UNF to IEC 61518 10 to DIN 19213 ent requirement) terials Electronics housing Die-cast aluminum Stainless steel precision casting English label inscriptions, anguages on CD ttable)	_		0 6		- 1		
- Mounting thread M (only for replacement of the control of the c	10 to DIN 19213 ent requirement) ocess flanges ²⁾ 16-20 UNF to IEC 61518 10 to DIN 19213 ent requirement) terials Electronics housing Die-cast aluminum Stainless steel precision casting English label inscriptions, anguages on CD ttable)	_		0 6		- 1	A	
- Mounting thread M (only for replacement of the control of the c	10 to DIN 19213 ent requirement) ocess flanges²) 16-20 UNF to IEC 61518 10 to DIN 19213 ent requirement) terials Electronics housing Die-cast aluminum Stainless steel precision casting English label inscriptions, panguages on CD etable)	_		0 6		- 1		
- Mounting thread M (only for replacement of the control of the c	10 to DIN 19213 ent requirement) ocess flanges²) 16-20 UNF to IEC 61518 10 to DIN 19213 ent requirement) terials Electronics housing Die-cast aluminum Stainless steel precision casting English label inscriptions, anguages on CD table)	_		0 6		- 1		
- Mounting thread M (only for replacement of the control of the c	10 to DIN 19213 ent requirement) ocess flanges²) 16-20 UNF to IEC 61518 10 to DIN 19213 ent requirement) terials Electronics housing Die-cast aluminum Stainless steel precision casting English label inscriptions, anguages on CD etable)	_		0 6		- 1	A B	
- Mounting thread M (only for replacement of the property of the proof of the proo	10 to DIN 19213 ent requirement) ocess flanges²) 16-20 UNF to IEC 61518 10 to DIN 19213 ent requirement) terials Electronics housing Die-cast aluminum Stainless steel precision casting English label inscriptions, anguages on CD etable) protection: (x ia)" Ex d)"6)	_		0 6		- 1	A B D	
- Mounting thread M (only for replacement of the control of the c	10 to DIN 19213 ent requirement) ocess flanges²) 16-20 UNF to IEC 61518 10 to DIN 19213 ent requirement) terials Electronics housing Die-cast aluminum Stainless steel precision casting English label inscriptions, anguages on CD etable)	_		0 6		- 1	A B	
- Mounting thread M (only for replacement of the control of the c	10 to DIN 19213 ent requirement) ocess flanges²) 16-20 UNF to IEC 61518 10 to DIN 19213 ent requirement) terials Electronics housing Die-cast aluminum Stainless steel precision casting English label inscriptions, anguages on CD etable) protection: (x ia)" Ex d)"6 d flameproof enclosure"	_		0 6		- 1	A B D P	
- Mounting thread M (only for replacement) • Venting on side of property of process flange screws Stainless steel Version • Standard versions • International version, documentation in 5 lid (no order code selection) • With ATEX, Type of process flange safety (EE - "Explosion-proof (E - "Intrinsic safety and (EEx ia + EEx d)"7) - "Ex nA/nL (Zone 2)"	10 to DIN 19213 ent requirement) ocess flanges ²⁾ 16-20 UNF to IEC 61518 10 to DIN 19213 ent requirement) terials Electronics housing Die-cast aluminum Stainless steel precision casting English label inscriptions, panguages on CD entable) protection: (x ia)" (Ex d)"6) d flameproof enclosure"	_		0 6		- 1	A B D P	
- Mounting thread M (only for replacement) • Venting on side of property of the mounting thread of the mounting of	10 to DIN 19213 ent requirement) ocess flanges ²⁾ 16-20 UNF to IEC 61518 10 to DIN 19213 ent requirement) terials Electronics housing Die-cast aluminum Stainless steel precision casting English label inscriptions, anguages on CD table) protection: (x ia)" Ex d)" ⁶⁾ d flameproof enclosure and	_		0 6		- 1	A B D P	
- Mounting thread M (only for replacement of the control of the co	10 to DIN 19213 ent requirement) ocess flanges ²⁾ 16-20 UNF to IEC 61518 10 to DIN 19213 ent requirement) terials Electronics housing Die-cast aluminum Stainless steel precision casting English label inscriptions, anguages on CD table) protection: (x ia)" Ex d)" ⁶⁾ d flameproof enclosure and	_		0 6		- 1	A B D P	
- Mounting thread M (only for replacement of the control of the c	10 to DIN 19213 ent requirement) ocess flanges²) 16-20 UNF to IEC 61518 10 to DIN 19213 ent requirement) terials Electronics housing Die-cast aluminum Stainless steel precision casting English label inscriptions, anguages on CD table) protection: (x ia)" Ex d)"6) d flameproof enclosure* polosion-proof enclosure and tection (EEx ia + EEx d + t for DS III FF)	_		0 6		- 1	A B D P	
- Mounting thread M (only for replacement) • Venting on side of promounting thread 7/ - Mounting thread M (only for replacement) Non-wetted parts manger process flange screws: Stainless steel Stainless steel Version • Standard versions • International version, documentation in 5 lians (no order code selection) • None • With ATEX, Type of permitter in the safety (EE in the safety and (EEx ia + EEx d)) - "Intrinsic safety and (EEx ia + EEx d)) - "Ex nA/nL (Zone 2) - "Intrinsic safety, and safety, explosion proton 1D/2D) • With FM + CSA, Type • With FM + CSA, Type • With FM + CSA, Type	10 to DIN 19213 ent requirement) ocess flanges²) 16-20 UNF to IEC 61518 10 to DIN 19213 ent requirement) terials Electronics housing Die-cast aluminum Stainless steel precision casting English label inscriptions, anguages on CD table) protection: (x ia)" Ex d)"6) d flameproof enclosure* polosion-proof enclosure and tection (EEx ia + EEx d + t for DS III FF)	_		0 6		- 1	A B D P	

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)	7 M F 4 4 3 4 -
SITRANS P DS III with FOUNDATION Fieldbus (FF)	7 M F 4 4 3 5 -
Electrical connection/cable entry	
• Screwed gland M20 x 1.5	В
• Screwed gland ½-14 NPT	С
• M12 connectors (metal) ⁸⁾	F
Display	
Without display	0
Without visible display	1
(display concealed, setting: mA)	
 With visible display 	6
 With customer-specific display 	7
(setting as specified, Order Code "Y21" required)	

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 $_2$ O))
- 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

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

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") Oxygen application (In the case of oxygen measurement and inert liquid max. 120 bar a (1740 psia) at 60°C (140°F)) Export approval Korea Explosion-proof "Intrinsic safety" (Ex ia) to INMETRO (Brazil) (only for transmitter 7MF4					
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") Oxygen application (In the case of oxygen measurement and inert liquid max. 120 bar a (1740 psia) at 60°C (140°F)) Export approval Korea Explosion-proof "Intrinsic safety" (Ex ia) to INMETRO (Brazil) (only for transmitter 7MF4	Selection and Ordering data	Order			
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") Oxygen application (In the case of oxygen measurement and inert liquid max. 120 bar a (1740 psia) at 60°C (140 °F)) Export approval Korea Explosion-proof "Intrinsic safety" (Ex ia) to E25 Explosion-proof "Intrinsic safety" (Ex d) to INMETRO (Brazil) (only for transmitter 7MF4	Further designs		HART	PA	FF
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") Oxygen application (In the case of oxygen measurement and inert liquid max. 120 bar a (1740 psia) at 60°C (140°F)) Export approval Korea Export approval Korea Explosion-proof "Intrinsic safety" (Ex ia) to INMETRO (Brazil) (only for transmitter 7MF4					
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") Oxygen application (In the case of oxygen measurement and inert liquid max. 120 bar a (1740 psia) at 60°C (140°F)) Export approval Korea Export approval Korea Explosion-proof "Intrinsic safety" (Ex ia) to INMETRO (Brazil) (only for transmitter 7MF4B) Explosion-proof "Intrinsic safety" (Ex d) to INMETRO (Brazil) (only for transmitter 7MF4P) Explosion-proof "Intrinsic safety" (Ex ia + Ex d) to INMETRO (Brazil) (only for transmitter 7MF4P) Ex Approval IEC Ex (EEx ia) (only for transmitter 7MF4B) Ex Approval IEC Ex (EEx ia) (only for transmitter 7MF4B) Ex Approval IEC Ex (EEx id) (only for transmitter 7MF4B) Explosion-proof "Intrinsic safety" to NEPSI (China) (only for transmitter 7MF4B) Explosion protection "Explosion-proof" to NEPSI (China) (only for transmitter 7MF4B) Explosion-proof "Zone 2" to NEPSI (China) (only for transmitter 7MF4B) Explosion-proof "Zone 2" to NEPSI (China) (only for transmitter 7MF4B) Explosion-proof "Zone 2" to NEPSI (China) (only for transmitter 7MF4B) Explosion-proof "Zone 2" to NEPSI (China) (only for transmitter 7MF4B) Explosion-proof "Zone 2" to NEPSI (China) (only for transmitter 7MF4B) Two coats of lacquer on casing and cover (PU on epoxy) Interchanging of process connection side Vent on side for gas measurements H02	· · ·	Ene	1		
(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") Oxygen application (In the case of oxygen measurement and inert liquid max. 120 bar a (1740 psia) at 60°C (140°F)) Export approval Korea Explosion-proof "Intrinsic safety" (Ex ia) to INMETRO (Brazil) (only for transmitter 7MF4B) Explosion-proof "Intrinsic safety" (Ex d) to INMETRO (Brazil) (only for transmitter 7MF4P) Explosion-proof "Intrinsic safety" (Ex ia + E28	and non-flammable liquids	200	•		
(EEx ia)", to WHG and VbF, not together with measuring cell filling "inert liquid") Oxygen application (In the case of oxygen measurement and inert liquid max. 120 bar a (1740 psia) at 60°C (140 °F)) Export approval Korea Export approval Korea Export approval Filtrinsic safety" (Ex ia) to INMETRO (Brazil) (only for transmitter 7MF4	(max. PN 32 (MAWP 464 psi), basic device				
Measuring cell filling "inert liquid") Oxygen application (In the case of oxygen measurement and inert liquid max. 120 bar a (1740 psia) at 60°C (140 °F)) Export approval Korea Explosion-proof "Intrinsic safety" (Ex ia) to INMETRO (Brazil) (only for transmitter 7MF4B) Explosion-proof "Intrinsic safety" (Ex d) to INMETRO (Brazil) (only for transmitter 7MF4D) Explosion-proof "Intrinsic safety" (Ex ia + Ex d) to INMETRO (Brazil) (only for transmitter 7MF4P) Ex Approval IEC Ex (EEx ia) (only for transmitter 7MF4B) Ex Approval IEC Ex (EEx ia) (only for transmitter 7MF4B) Ex Approval IEC Ex (EEx id) (only for transmitter 7MF4B) Explosion-proof "Intrinsic safety" to NEPSI (China) (only for transmitter 7MF4B) Explosion protection "Explosion-proof" to NEPSI (China) (only for transmitter 7MF4B) Explosion-proof "Zone 2" to NEPSI (China) (only for transmitter 7MF4E) Two coats of lacquer on casing and cover (PU on epoxy) Interchanging of process connection side Vent on side for gas measurements H02 ✓ ✓ ✓ Stainless steel process flanges for vertical differential pressure lines (not together with K01, K02 and K04)³) Process flange Hastelloy Hastelloy Honel 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					
(In the case of oxygen measurement and inert liquid max. 120 bar a (1740 psia) at 60°C (140°F)) Export approval Korea Export approval Korea Explosion-proof "Intrinsic safety" (Ex ia) to INMETRO (Brazil) (only for transmitter 7MF4B) Explosion-proof "Intrinsic safety" (Ex d) to INMETRO (Brazil) (only for transmitter 7MF4D) Explosion-proof "Intrinsic safety" (Ex ia + Ex d) to INMETRO (Brazil) (only for transmitter 7MF4P) Ex Approval IEC Ex (EEx ia) (only for transmitter 7MF4B) Ex Approval IEC Ex (EEx id) (only for transmitter 7MF4B) Explosion-proof "Intrinsic safety" to NEPSI (China) (only for transmitter 7MF4B) Explosion-proof "Intrinsic safety" to NEPSI (China) (only for transmitter 7MF4B) Explosion-proof "Intrinsic safety" to NEPSI (China) (only for transmitter 7MF4B) Explosion-proof "Intrinsic safety" to NEPSI (China) (only for transmitter 7MF4B) Explosion-proof "Intrinsic safety" to NEPSI (China) (only for transmitter 7MF4B) Explosion-proof "Intrinsic safety" to NEPSI (China) (only for transmitter 7MF4B) Explosion-proof "Intrinsic safety" to NEPSI (China) (only for transmitter 7MF4B) Explosion-proof "Intrinsic safety" to NEPSI (China) (only for transmitter 7MF4B) Explosion-proof "Intrinsic safety" to NEPSI (China) (only for transmitter 7MF4B) Explosion-proof "Intrinsic safety" to NEPSI (China) (only for transmitter 7MF4B) Explosion-proof "Intrinsic safety" to NEPSI (China) (only for transmitter 7MF4B) Explosion-proof "Intrinsic safety" to NEPSI (China) (only for transmitter 7MF4B) Explosion-proof "Intrinsic safety" to NEPSI (China) (only for transmitter 7MF4B) Explosion-proof "Intrinsic safety" to NEPSI (China) (only for transmitter 7MF4B) Explosion-proof "Intrinsic safety" to NEPSI (China) (only for transmitter 7MF4B)	measuring cell filling "inert liquid")				
(In the case of oxygen measurement and inert liquid max. 120 bar a (1740 psia) at 60°C (140°F)) Export approval Korea Explosion-proof "Intrinsic safety" (Ex ia) to INMETRO (Brazil) (only for transmitter 7MF4B) Explosion-proof "Intrinsic safety" (Ex d) to INMETRO (Brazil) (only for transmitter 7MF4D) Explosion-proof "Intrinsic safety" (Ex ia + Ex d) to INMETRO (Brazil) (only for transmitter 7MF4P) Ex Approval IEC Ex (EEx ia) (only for transmitter 7MF4B) Ex Approval IEC Ex (EEx ia) (only for transmitter 7MF4B) Ex Approval IEC Ex (EEx id) (only for transmitter 7MF4B) Explosion-proof "Intrinsic safety" to NEPSI (China) (only for transmitter 7MF4B) Explosion protection "Explosion-proof" to NEPSI (China) (only for transmitter 7MF4B) Explosion protection "Explosion-proof" to NEPSI (China) (only for transmitter 7MF4B) Explosion-proof "Zone 2" to NEPSI (China) (only for transmitter 7MF4B) Explosion-proof "Zone 2" to NEPSI (China) (only for transmitter 7MF4B) Explosion-proof "Zone 2" to NEPSI (China) (only for transmitter 7MF4B) Explosion-proof "Zone 2" to NEPSI (China) (only for transmitter 7MF4B) Explosion-proof "Zone 2" to NEPSI (China) (only for transmitter 7MF4B) Explosion-proof "Zone 2" to NEPSI (China) (only for transmitter 7MF4B) Explosion-proof "Zone 2" to NEPSI (China) (only for transmitter 7MF4B) Explosion-proof "Zone 2" to NEPSI (China) (only for transmitter 7MF4B) Explosion-proof "Zone 2" to NEPSI (China) (only for transmitter 7MF4B) Explosion-proof "Zone 2" to NEPSI (China) (only for transmitter 7MF4B) Explosion-proof "Zone 2" to NEPSI (China) (only for transmitter 7MF4B) Explosion-proof "Zone 2" to NEPSI (China) (only for transmitter 7MF4B)	Oxygen application	E10	✓	✓	✓
Export approval Korea Explosion-proof "Intrinsic safety" (Ex ia) to INMETRO (Brazil) (only for transmitter 7MF4B) Explosion-proof "Intrinsic safety" (Ex d) to INMETRO (Brazil) (only for transmitter 7MF4D) Explosion-proof "Intrinsic safety" (Ex ia + Ex d) to INMETRO (Brazil) (only for transmitter 7MF4P) Ex Approval IEC Ex (EEx ia) (only for transmitter 7MF4B) Ex Approval IEC Ex (EEx id) (only for transmitter 7MF4B) Ex Approval IEC Ex (EEx id) (only for transmitter 7MF4B) Explosion-proof "Intrinsic safety" to NEPSI (China) (only for transmitter 7MF4B) Explosion protection "Explosion-proof" to NEPSI (China) (only for transmitter 7MF4D) Explosion-proof "Zone 2" to NEPSI (China) (only for transmitter 7MF4E) Two coats of lacquer on casing and cover (PU on epoxy) Interchanging of process connection side Vent on side for gas measurements Stainless steel process flanges for vertical differential pressure lines (not together with K01, K02 and K04) ³⁾ Process flange Hastelloy Monel 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	(In the case of oxygen measurement and				
Explosion-proof "Intrinsic safety" (Ex ia) to INMETRO (Brazil) (only for transmitter 7MF4B) Explosion-proof "Intrinsic safety" (Ex d) to INMETRO (Brazil) (only for transmitter 7MF4D) Explosion-proof "Intrinsic safety" (Ex ia + Ex d) to INMETRO (Brazil) (only for transmitter 7MF4P) Explosion-proof "Intrinsic safety" (Ex ia + Ex d) to INMETRO (Brazil) (only for transmitter 7MF4P) Ex Approval IEC Ex (EEx ia) (only for transmitter 7MF4B) Ex Approval IEC Ex (EEx id) (only for transmitter 7MF4B) Explosion-proof "Intrinsic safety" to NEPSI (China) (only for transmitter 7MF4B) Explosion-proof "Explosion-proof" to NEPSI (China) (only for transmitter 7MF4D) Explosion-proof "Zone 2" to NEPSI (China) (only for transmitter 7MF4E) Two coats of lacquer on casing and cover (PU on epoxy) Interchanging of process connection side Vent on side for gas measurements Stainless steel process flanges for vertical differential pressure lines (not together with K01, K02 and K04) ³⁾ Process flange • Hastelloy • Monel • 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					
Explosion-proof "Intrinsic safety" (Ex ia) to INMETRO (Brazil) (only for transmitter 7MF4B) Explosion-proof "Intrinsic safety" (Ex d) to INMETRO (Brazil) (only for transmitter 7MF4D) Explosion-proof "Intrinsic safety" (Ex ia + E28		E11	1	1	1
INMETRO (Brazil) (only for transmitter 7MF4B) Explosion-proof "Intrinsic safety" (Ex d) to INMETRO (Brazil) (only for transmitter 7MF4D) Explosion-proof "Intrinsic safety" (Ex ia + Ex d) to INMETRO (Brazil) (only for transmitter 7MF4P) Ex Approval IEC Ex (EEx ia) (only for transmitter 7MF4B) Ex Approval IEC Ex (EEx id) (only for transmitter 7MF4D) Explosion-proof "Intrinsic safety" to NEPSI (China) (only for transmitter 7MF4B) Explosion protection "Explosion-proof" to NEPSI (China) (only for transmitter 7MF4B) Explosion-proof "Zone 2" to NEPSI (China) (only for transmitter 7MF4E) Two coats of lacquer on casing and cover (PU on epoxy) Interchanging of process connection side Vent on side for gas measurements Stainless steel process flanges for vertical differential pressure lines (not together with K01, K02 and K04) ³⁾ Process flange Hoatselloy Monel 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			1	1	/
Explosion-proof "Intrinsic safety" (Ex d) to INMETRO (Brazil) (only for transmitter 7MF4D) Explosion-proof "Intrinsic safety" (Ex ia + Ex d) to INMETRO (Brazil) (only for transmitter 7MF4P) Ex Approval IEC Ex (EEx ia) (only for transmitter 7MF4B) Ex Approval IEC Ex (EEx id) (only for transmitter 7MF4B) Ex Approval IEC Ex (EEx id) (only for transmitter 7MF4B) Explosion-proof "Intrinsic safety" to NEPSI (China) (only for transmitter 7MF4B) Explosion protection "Explosion-proof" to NEPSI (China) (only for transmitter 7MF4D) Explosion-proof "Zone 2" to NEPSI (China) (only for transmitter 7MF4E) Two coats of lacquer on casing and cover (PU on epoxy) Interchanging of process connection side Vent on side for gas measurements Hos tainless steel process flanges for vertical differential pressure lines (not together with K01, K02 and K04) ³⁾ Process flange Hastelloy Hastelloy Monel 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	INMETRO (Brazil)			·	Ť
INMETRO (Brazil) (only for transmitter 7MF4D) Explosion-proof "Intrinsic safety" (Ex ia + Ex d) to INMETRO (Brazil) (only for transmitter 7MF4P) Ex Approval IEC Ex (EEx ia) (only for transmitter 7MF4B) Ex Approval IEC Ex (EEx id) (only for transmitter 7MF4D) Explosion-proof "Intrinsic safety" to NEPSI (China) (only for transmitter 7MF4B) Explosion protection "Explosion-proof" to NEPSI (China) (only for transmitter 7MF4D) Explosion-proof "Zone 2" to NEPSI (China) (only for transmitter 7MF4E) Two coats of lacquer on casing and cover (PU on epoxy) Interchanging of process connection side H01	(only for transmitter 7MF4				
(only for transmitter 7MF4D) Explosion-proof "Intrinsic safety" (Ex ia + Ex d) to INMETRO (Brazil) (only for transmitter 7MF4P) Ex Approval IEC Ex (EEx ia) (only for transmitter 7MF4B) Ex Approval IEC Ex (EEx id) (only for transmitter 7MF4D) Explosion-proof "Intrinsic safety" to NEPSI (China) (only for transmitter 7MF4B) Explosion protection "Explosion-proof" to NEPSI (China) (only for transmitter 7MF4D) Explosion-proof "Zone 2" to NEPSI (China) (only for transmitter 7MF4E) Two coats of lacquer on casing and cover (PU on epoxy) Interchanging of process connection side Vent on side for gas measurements Stainless steel process flanges for vertical differential pressure lines (not together with K01, K02 and K04) ³) Process flange Hastelloy Monel 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		E26	✓	✓	✓
Explosion-proof "Intrinsic safety" (Ex ia + Ex d) to INMETRO (Brazil) (only for transmitter 7MF4P) Ex Approval IEC Ex (EEx ia) (only for transmitter 7MF4B) Ex Approval IEC Ex (EEx id) (only for transmitter 7MF4D) Explosion-proof "Intrinsic safety" to NEPSI (China) (only for transmitter 7MF4B) Explosion protection "Explosion-proof" to NEPSI (China) (only for transmitter 7MF4D) Explosion-proof "Zone 2" to NEPSI (China) (only for transmitter 7MF4E) Two coats of lacquer on casing and cover (PU on epoxy) Interchanging of process connection side Went on side for gas measurements Stainless steel process flanges for vertical differential pressure lines (not together with K01, K02 and K04) ³⁾ Process flange Hastelloy Monel Hastelloy Monel 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	` ,				
Ex d) to INMETRO (Brazil) (only for transmitter 7MF4P.) Ex Approval IEC Ex (EEx ia) (only for transmitter 7MF4B) Ex Approval IEC Ex (EEx id) (only for transmitter 7MF4D) Explosion-proof "Intrinsic safety" to NEPSI (China) (only for transmitter 7MF4B) Explosion protection "Explosion-proof" to NEPSI (China) (only for transmitter 7MF4D) Explosion-proof "Zone 2" to NEPSI (China) (only for transmitter 7MF4E) Two coats of lacquer on casing and cover (PU on epoxy) Interchanging of process connection side Vent on side for gas measurements Stainless steel process flanges for vertical differential pressure lines (not together with K01, K02 and K04) ³⁾ Process flange Hastelloy Monel 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	` *	F28	1	1	
Ex Approval IEC Ex (EEx ia) (only for transmitter 7MF4B) Ex Approval IEC Ex (EEx id) (only for transmitter 7MF4D) Explosion-proof "Intrinsic safety" to NEPSI (China) (only for transmitter 7MF4B) Explosion protection "Explosion-proof" to NEPSI (China) (only for transmitter 7MF4D) Explosion-proof "Zone 2" to NEPSI (China) (only for transmitter 7MF4E) Two coats of lacquer on casing and cover (PU on epoxy) Interchanging of process connection side Vent on side for gas measurements Stainless steel process flanges for vertical differential pressure lines (not together with K01, K02 and K04) ³) Process flange • Hastelloy • Monel • 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	Explosion-proof intrinsic salety (Ex la + Ex d) to INMETRO (Brazil)			·	
(only for transmitter 7MF4B) EX Approval IEC Ex (EEx id) (only for transmitter 7MF4D) Explosion-proof "Intrinsic safety" to NEPSI (China) (only for transmitter 7MF4B) Explosion protection "Explosion-proof" to NEPSI (China) (only for transmitter 7MF4D) Explosion-proof "Zone 2" to NEPSI (China) (only for transmitter 7MF4E) Two coats of lacquer on casing and cover (PU on epoxy) Interchanging of process connection side Vent on side for gas measurements Stainless steel process flanges for vertical differential pressure lines (not together with K01, K02 and K04)³) Process flange ● Hastelloy ● Monel ● 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	(only for transmitter 7MF4P)				
Ex Approval IEC Ex (EEx id) (only for transmitter 7MF4D) Explosion-proof "Intrinsic safety" to NEPSI (China) (only for transmitter 7MF4B) Explosion protection "Explosion-proof" to NEPSI (China) (only for transmitter 7MF4D) Explosion-proof "Zone 2" to NEPSI (China) (only for transmitter 7MF4E) Two coats of lacquer on casing and cover (PU on epoxy) Interchanging of process connection side Went on side for gas measurements Stainless steel process flanges for vertical differential pressure lines (not together with K01, K02 and K04) ³⁾ Process flange • Hastelloy • Monel • 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	Ex Approval IEC Ex (EEx ia)	E45	✓	1	✓
(only for transmitter 7MF4D) Explosion-proof "Intrinsic safety" to NEPSI (China) (only for transmitter 7MF4B) Explosion protection "Explosion-proof" to NEPSI (China) (only for transmitter 7MF4D) Explosion-proof "Zone 2" to NEPSI (China) (only for transmitter 7MF4E) Two coats of lacquer on casing and cover (PU on epoxy) Interchanging of process connection side Vent on side for gas measurements Stainless steel process flanges for vertical differential pressure lines (not together with K01, K02 and K04) ³⁾ Process flange Hastelloy Monel Hostinless 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	(only for transmitter 7MF4				
Explosion-proof "Intrinsic safety" to NEPSI (China) (only for transmitter 7MF4	Ex Approval IEC Ex (EEx id)	E46	✓	✓	1
(China) (only for transmitter 7MF4B) Explosion protection "Explosion-proof" to NEPSI (China) (only for transmitter 7MF4D) Explosion-proof "Zone 2" to NEPSI (China) (only for transmitter 7MF4E) Two coats of lacquer on casing and cover (PU on epoxy) Interchanging of process connection side Vent on side for gas measurements Stainless steel process flanges for vertical differential pressure lines (inot together with K01, K02 and K04)³) Process flange Hastelloy Monel 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	, ,			,	,
(only for transmitter 7MF4B) Explosion protection "Explosion-proof" to NEPSI (China) (only for transmitter 7MF4D) Explosion-proof "Zone 2" to NEPSI (China) (only for transmitter 7MF4E) Two coats of lacquer on casing and cover (PU on epoxy) Interchanging of process connection side Vent on side for gas measurements Stainless steel process flanges for vertical differential pressure lines (not together with K01, K02 and K04) ³⁾ Process flange H01 ✓ ✓ K01 ✓ ✓ Monel 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		E55	V	√	V
NEPSI (China) (only for transmitter 7MF4D) Explosion-proof "Zone 2" to NEPSI (China) (only for transmitter 7MF4E) Two coats of lacquer on casing and cover (PU on epoxy) Interchanging of process connection side Vent on side for gas measurements H02	(only for transmitter 7MF4B)				
(only for transmitter 7MF4D) Explosion-proof "Zone 2" to NEPSI (China) (only for transmitter 7MF4E) Two coats of lacquer on casing and cover (PU on epoxy) Interchanging of process connection side Vent on side for gas measurements H02	Explosion protection "Explosion-proof" to	E56	1	✓	✓
Explosion-proof "Zone 2" to NEPSI (China) (only for transmitter 7MF4E) Two coats of lacquer on casing and cover (PU on epoxy) Interchanging of process connection side Vent on side for gas measurements H02	NEPSI (China)				
(only for transmitter 7MF4	· · ·	F67	,	,	,
Two coats of lacquer on casing and cover (PU on epoxy) Interchanging of process connection side Vent on side for gas measurements H02		E5/	V	V	V
(PU on epoxy) Interchanging of process connection side Vent on side for gas measurements Stainless steel process flanges for vertical differential pressure lines (not together with K01, K02 and K04) ³⁾ Process flange • Hastelloy • Monel • 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	<u> </u>	G10	1	1	1
Vent on side for gas measurements Stainless steel process flanges for vertical differential pressure lines (not together with K01, K02 and K04) ³⁾ Process flange • Hastelloy • Monel • 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	(PU on epoxy)	410		·	ĺ
Stainless steel process flanges for vertical differential pressure lines (not together with K01, K02 and K04) ³⁾ Process flange • Hastelloy • Monel • 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	Interchanging of process connection side	H01	✓	✓	✓
differential pressure lines (not together with K01, K02 and K04) ³⁾ Process flange • Hastelloy • Monel • 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	Vent on side for gas measurements	H02	1	1	1
differential pressure lines (not together with K01, K02 and K04) ³⁾ Process flange • Hastelloy • Monel • 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	Stainless steel process flanges for vertical	H03	1	✓	1
Process flange • Hastelloy • Monel • 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	differential pressure lines				
Hastelloy Monel 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	_				
 Monel 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 		170			,
• Stainless steel with PVDF insert max. PN 10 (MAWP 145 psi), max. temperature of medium 90 °C (194 °F) For 1⁄2-14 NPT inner process connection on the side in the middle of the process flange, vent valve not possible	Hastelloy Monol		1	1	1
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	Stainless steel with PVDF insert		√	√	∀
For ½-14 NPT inner process connection on the side in the middle of the process flange, vent valve not possible	max. PN 10 (MAWP 145 psi),				,
the side in the middle of the process flange, vent valve not possible					
	the side in the middle of the process flange,				
Factory mounting of valve manifolds, see accessories.	vent valve not possible				
	Factory mounting of valve manifolds, see acce	essories	3.		

Supplementary electronics for 4-wire connection, see accessories.

✓ = available

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	codo		
Additional data	Order	HART	DΛ	FF
Please add "-Z" to Order No. and specify Order code(s) and plain text.		HANI	PA	FF
Measuring range to be set				
Specify in plain text:				
in the case of linear characteristic curve (max. 5 characters): V01:	Y01	√		
Y01: up to mbar, bar, kPa, MPa, psi • in the case of square rooted characteristic	Y02	1		
(max. 5 characters): Y02: up to mbar, bar, kPa, MPa, psi	102	·		
Stainless steel tag plate	Y15	1	1	1
(measuring point description)				
Max. 16 char., specify in plain text: Y15:				
Measuring point text	Y16	✓	✓	✓
Max. 27 char., specify in plain text: Y16:				
Entry of HART address (TAG)	Y17	✓		
Max. 8 char., specify in plain text: Y17:				
Setting of pressure indicator in	Y21	✓	✓	✓
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 $H_2O^{*)}$, in $H_2O^{*)}$, ft $H_2O^{*)}$, mm HG , in HG , psi, Pa, kPa, MPa, g/cm ² ,				
kg/cm ² , Torr, ATM or %				
*) ref. temperature 20 °C				
Setting of pressure indicator in non-pres-	Y22 ²⁾	✓		
sure units ¹⁾	Y01 or			
Specify in plain text: Y22: up to l/min, m ³ /h, m, USgpm,	Y02			
(specification of measuring range in pressure				
units "Y01" or "Y02" is essential, unit with max. 5 characters)				
,	VOE		,	
Preset bus address possible between 1 and 126	Y25		•	
Specify in plain text: Y25:				
-p-1-1., p.a tox 1201				

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")

	g data	Orde		
	HART pressure trans-	7 M I	F 4 5	533-
mitters for differential PN 420 (MAWP 6092 p			ш	
Measuring cell filling	Measuring cell cleaning		П	
Silicone oil	normal	1		
Measuring span (min.	may \			
2.5 250 mbar	(1.004 100.4 inH ₂ O)	D		
6 600 mbar	(2.409 240.9 inH ₂ O)	E		
16 1600 mbar	(6.424 642.4 inH ₂ O)	F		
50 5000 mbar	(20.08 2008 inH ₂ O)	G		
0.3 30 bar	(4.35 435 psi)	Н		
Wetted parts materials	. ,			
(stainless steel process				
Seal diaphragm	Parts of measuring cell			
Stainless steel	Stainless steel		A 3	
Hastelloy Gold ¹⁾	Stainless steel Gold	, i		
	eal possible on request			
	eai hossinie oi i iednesi			
Process connection	Tarible flamman (1)			
	T with flange connection			
Sealing screw opposit				
	₃ -20 UNF to IEC 61518		3	
- Mounting thread M1			1	
(only for replacemer				
 Venting on side of provent valve at top of pro 	cess flanges, location of ocess flanges (see dimen-			
sional drawing)	ocess hanges (see dimen-			
	₃ -20 UNF to IEC 61518		7	
- Mounting thread M1	2 to DIN 19213		5	
(only for replacement			ŭ	
Non-wetted parts mate	erials			
process flange screws				
Stainless steel	Die-cast aluminum		2	2
	Stainless steel precision		3	3
Stainless steel	Stainless steel precision casting ²⁾		3	3
Stainless steel Version	Stainless steel precision casting ²⁾		3	
Stainless steel Version Standard versions	casting ²)		3	1
Stainless steel Version Standard versions International version,	casting ²) English label inscriptions, ▶		\$	
Stainless steel Version Standard versions	casting ²) English label inscriptions, ▶ nguages on CD		\$	1
Version Standard versions International version, documentation in 5 la (no order code select.	casting ²) English label inscriptions, ▶ nguages on CD		3	1
Version Standard versions International version, documentation in 5 Ia (no order code select. Explosion protection	casting ²) English label inscriptions, ▶ nguages on CD		3	1
Version Standard versions International version, documentation in 5 la (no order code select Explosion protection None	casting ²⁾ English label inscriptions, ▶ nguages on CD able)		3	1 2
Version Standard versions International version, documentation in 5 la (no order code select Explosion protection None	casting ²) English label inscriptions, ▶ nguages on CD able) otection:		3	1 2
Version Standard versions International version, documentation in 5 Ia (no order code select Explosion protection None With ATEX, Type of pro	casting ²) English label inscriptions, ▶ nguages on CD able) otection:		3	1 2 A B
Version Standard versions International version, documentation in 5 la (no order code select. Explosion protection None With ATEX, Type of prinching and protection (EExplosion-proof (EExplosio	casting ²) English label inscriptions, ▶ nguages on CD able) otection: : ia)* :x d)*3)		3	1 2 A B D
Version Standard versions International version, documentation in 5 la (no order code select Explosion protection None With ATEX, Type of promotion in 5 la (no order code select) Explosion protection The international content in the international c	casting ²) English label inscriptions, ▶ nguages on CD able) otection: : ia)* :x d)*3)		3	1 2 A B
Version Standard versions International version, documentation in 5 la (no order code select Explosion protection None With ATEX, Type of proper interinsic safety (EEx "Explosion-proof (EE "Intrinsic safety and (EEx ia + EEx d)" ⁴)	casting ²) English label inscriptions, ▶ nguages on CD able) otection: : ia)* :x d)*3)		3	1 2 A B D
Version Standard versions International version, documentation in 5 la (no order code select Explosion protection None With ATEX, Type of promotion and the select intrinsic safety (EEx - "Explosion-proof (EEx ia + EEx d)"4) "Ex nA/nL (Zone 2)" "Intrinsic safety, explosion-group intrinsic safety and (EEx ia + EEx d)"4) "Ex nA/nL (Zone 2)" "Intrinsic safety, explosion-group intrinsic safety, explosion-group intri	casting ²) English label inscriptions, purpose on CD able) ptection: (ia)" (ix d)" ³) flameproof enclosure"		3	1 2 A B D P
Version Standard versions International version, documentation in 5 la (no order code select Explosion protection None With ATEX, Type of promover interinsic safety (EEx - "Explosion-proof (EEx ia + EEx d)"4) - "Ex nA/nL (Zone 2)" - "Intrinsic safety, explosion-group interinsic safety and (EEx ia + EEx d)"4) - "Ex nA/nL (Zone 2)" - "Intrinsic safety, explosion-group intrinsic s	casting ²) English label inscriptions, purpose on CD able) ptection: (ia)" (ix d)" ³) flameproof enclosure"		3	1 2 A B D P
Version Standard versions International version, documentation in 5 la (no order code select. Explosion protection None With ATEX, Type of problem in the p	English label inscriptions, puguages on CD able) otection: (ia)" (ix d)"3) flameproof enclosure" osion-proof enclosure and action (EEx ia+ EEx d +		3	1 2 A B D P
Version Standard versions International version, documentation in 5 la (no order code select Explosion protection None With ATEX, Type of produced in the provided in the prov	casting ²) English label inscriptions, ▶ nguages on CD able) otection: :ia)" :x d)" ³) flameproof enclosure" osion-proof enclosure and oction (EEx ia+ EEx d + of protection: explosion-proof		3	1 2 A B D P E R
Version Standard versions International version, documentation in 5 la (no order code select Explosion protection None With ATEX, Type of produced in the provided in the prov	casting ²) English label inscriptions, ▶ nguages on CD able) otection: :ia)" :x d)" ³) flameproof enclosure" osion-proof enclosure and oction (EEx ia+ EEx d + of protection: explosion-proof		3	1 2 A B D P
Version Standard versions International version, documentation in 5 la (no order code select. Explosion protection None With ATEX, Type of problem in the p	casting ²) English label inscriptions, puguages on CD able) otection: (ia)" (ix d)" ³) flameproof enclosure" osion-proof enclosure and action (EEx ia+ EEx d + of protection: explosion-proof 360		3	1 2 A B D P E R
Version Standard versions International version, documentation in 5 la (no order code select Explosion protection None With ATEX, Type of pr. "Intrinsic safety (EEx. "Explosion-proof (EE. "Intrinsic safety and (EEx ia + EEx d)"4) "Ex nA/nL (Zone 2)" "Intrinsic safety, expl dust explosion protezone 1D/2D)"4) With FM + CSA, Type "Intrinsic safety and (is + xp)" 3), max PN Electrical connection/	casting ²) English label inscriptions, puguages on CD able) otection: (ia)" (ix d)" ³) flameproof enclosure" osion-proof enclosure and ection (EEx ia+ EEx d + of protection: explosion-proof (360) cable entry		\$	1 2 A B D P E R
Version Standard versions International version, documentation in 5 la (no order code select. Explosion protection None With ATEX, Type of problem in the p	casting ²) English label inscriptions, puguages on CD able) otection: (ia)" (ix d)" ³) flameproof enclosure" osion-proof enclosure and ection (EEx ia+ EEx d + of protection: explosion-proof 360 cable entry .5 ⁵)		Ş	1 2 A B D P E R
Version Standard versions International version, documentation in 5 la (no order code select Explosion protection None With ATEX, Type of pr. "Intrinsic safety (EEx. "Explosion-proof (EE. "Intrinsic safety and (EEx ia + EEx d)"4) "Ex nA/nL (Zone 2)" "Intrinsic safety, explosion prote zone 1D/2D)"4) With FM + CSA, Type "Intrinsic safety and (is + xp)" 3), max PN Electrical connection/ Screwed gland Pg 13 Screwed gland M20x*	casting ²) English label inscriptions, puguages on CD able) obtection: (ia)" (ix d)" ³) flameproof enclosure" osion-proof enclosure and ection (EEx ia+ EEx d + of protection: explosion-proof (360) cable entry (.5 ⁵) 1.5		\$	1 2 A B D P E R
Version Standard versions International version, documentation in 5 la (no order code select Explosion protection None With ATEX, Type of problem in 5 la (Explosion protection) Intrinsic safety (EEx - "Explosion-proof (EE - "Intrinsic safety and (EEx ia + EEx d)" ⁴) - "Ex nA/nL (Zone 2)" - "Intrinsic safety, expl dust explosion protection (is + xp)" 3), max PN Electrical connection/ Screwed gland Pg 13 Screwed gland M20x: Screwed gland ½-14	English label inscriptions, paguages on CD able) otection: ia)" flameproof enclosure" osion-proof enclosure and ection (EEx ia+ EEx d + of protection: explosion-proof 360 cable entry .55) 1.5 NPT		\$	1 2 A B D P E R N C A B C
Version Standard versions International version, documentation in 5 la (no order code select Explosion protection None With ATEX, Type of pr. "Intrinsic safety (EEx. "Explosion-proof (EE. "Intrinsic safety and (EEx ia + EEx d)"4) "Ex nA/nL (Zone 2)" "Intrinsic safety, explusion prote Zone 1D/2D)"4) With FM + CSA, Type "Intrinsic safety and (is + xp)" 3), max PN Electrical connection/ Screwed gland Pg 13 Screwed gland M20x*	English label inscriptions, paguages on CD able) otection: ia)" flameproof enclosure" osion-proof enclosure and ection (EEx ia+ EEx d + of protection: explosion-proof 360 cable entry .55) 1.5 NPT		\$	1 2 A B D P E R

Selection and Ordering data	Order No.		
SITRANS P DS III with HART pressure trans-	7MF4533-		
mitters for differential pressure and flow, PN 420 (MAWP 6092 psi)			
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 inH₂O)
- 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 mm²
- 7) M12 delivered without cable socket

Selection and Orderin	g data	Order	· No.			
Pressure transmitters and flow, PN 420 (MAV	for differential pressure VP 6092 psi)					
SITRANS P DS III with	PROFIBUS PA (PA)	7 M F 4 5 3 4 -				
	FOUNDATION Fieldbus	7 M F 4 5 3 5 -				
(FF)		1				
Nominal measuring ra	nge					
250 mbar 600 mbar	(100.4 inH ₂ O) (240.9 inH ₂ O)	D E				
1600 mbar 5 bar	(642.4 inH ₂ O) (2008 inH ₂ O)	F G				
30 bar	(435 psi)	Н				
Wetted parts materials (stainless steel process						
Seal diaphragm	Parts of measuring cell					
Stainless steel Hastelloy Gold ¹⁾	Stainless steel Stainless steel Gold	A B L				
Connection of remote s	eal possible on request					
Sealing screw opposi Mounting thread ⁷ / _{1t} Mounting thread M1 (only for replacement Venting on side of provent valve at top of prosional drawing).	s-20 UNF to IEC 61518 2 to DIN 19213		3			
 Mounting thread M1 (only for replacement 	2 to DIN 19213		7 5			
Non-wetted parts mater Process flange screws						
Stainless steel Stainless steel	Die-cast aluminum Stainless steel precision casting		3			
Version • Standard versions • International version, documentation in 5 la (no order code select				1 2		
Explosion protectionNone				A		
 With ATEX, Type of pre- "Intrinsic safety (EEx- - "Explosion-proof (EE- - "Intrinsic safety and 	ia)" ix d)" ²⁾			B D P		
(EEx ia + EEx d)"3) - "Ex nA/nL (Zone 2)" - "Intrinsic safety, expl			E R			
dust explosion prote Zone 1D/2D)"3) (not • With FM + CSA, Type - "Intrinsic safety and (is + xp)"2), max PN	of protection:			NC		
• Screwed gland M20 x • Screwed gland ½-14 l • M12 connectors (meta)	cable entry 1.5 NPT			B C 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)	7 M F 4 5 3 4 -
SITRANS P DS III with FOUNDATION Fieldbus	7MF4535-
(FF)	
	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 inH₂O)
- 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			Selection and Ordering data
Further designs		HART	PA	FF	Further designs
Add "-Z" to Order No. and specify Order Code.					Add "-Z" to Order No. and specify Order Code.
Pressure transmitter with mounting bra- cket (2 shackles, 4 nuts, 4 U-plates,					Explosion-proof "Intrinsic safety" (Ex ia + Ex d) to INMETRO (Brazil)
1 angle) made of:	404				(only for transmitter 7MF4P)
Steel Stainless steel	A01 A02	1	√	√	Ex Approval IEC Ex (EEx ia)
O-rings for process flanges					(only for transmitter 7MF4B) Ex Approval IEC Ex (EEx id)
(instead of FPM (Viton))					(only for transmitter 7MF4)
PTFE (Teflon)FEP (with silicone core, approved for food)	A20 A21	1	1	√	Explosion-proof "Intrinsic safety"
• FFPM (Kalrez, compound 4079)	A22	1	✓	1	to NEPSI (China) (only for transmitter 7MF4B)
• NBR (Buna N)	A23	✓	✓	✓	Ex prot. "Explosion-proof" to NEPSI (China)
Plug	A 20	1			(only for transmitter 7MF4D)
Han 7D (metal, gray)Han 8U (instead of Han 7D)	A30 A31	✓			Explosion-proof "Zone 2" to NEPSI (China)
Angled	A32	1			(only for transmitter 7MF4E)
Han 8D (metal, gray)	A33	√			Two coats of lacquer on casing and cover (PU on epoxy)
Sealing screws (2 unit(s) 1/4-18 NPT, with valve in mat. of process flanges	A40	✓	✓	✓	Interchanging of process connection side
Cable sockets for M12 connectors (metal)	A50	1	1	1	Stainless steel process flanges for vertical
Rating plate inscription				, i	differential pressure lines
(instead of German)					Additional data
English French	B11 B12	1	√	1	Please add "-Z" to Order No. and specify Order code(s) and plain text.
• Spanish	B13	1	√	1	Measuring range to be set
• Italian	B14	✓	✓	✓	Specify in plain text:
English rating plate	B21	✓	✓	✓	 in the case of linear characteristic curve (max. 5 characters):
Pressure units in inH ₂ O and/or psi Quality inspection certificate (Five-step	C11	1	-	√	Y01: up to mbar, bar, kPa, MPa, psi
factory calibration) to IEC 60770-2	CII	,	•	Ť	 in the case of square rooted characteristic (max. 5 characters):
Inspection certificate	C12	✓	✓	✓	Y02: up to mbar, bar, kPa, MPa, psi
Acc. to EN 10204-3.1			,	,	Stainless steel tag plate (measuring point description)
Factory certificate Acc. to EN 10204-2.2	C14	✓	✓	✓	Max. 16 char., specify in plain text: Y15:
"Functional safety (SIL2)" certificate	C20	1			Measuring point text Max. 27 char., specify in plain text: Y16:
to IEC 61508					Entry of HART address (TAG)
PROFIsafe certificate and protocol	C21 C23	1	✓		Max. 8 char., specify in plain text: Y17:
"Functional safety (SIL2/3)" certificate to IEC 61508	C23	•			Setting of pressure indication in pressure
Device passport Russia (For price request	C99	1	✓	✓	units Specify in plain text (standard setting: bar):
please contact the technical support www.siemens.com/automation/support-request)					Y21: mbar, bar, kPa, MPa, psi,
Setting of upper limit of	D05	1			Note: The following pressure units can be selected:
output signal to 22.0 mA					bar, mbar, mm H ₂ O ^{*)} , inH ₂ O ^{*)} , ftH ₂ O ^{*)} , mmHG, inHG, psi, Pa, kPa, MPa, g/cm ² ,
Manufacturer's declaration acc. to NACE (only together with seal diaphragm made of	D07	✓	✓	~	kg/cm ² , Torr, ATM or %
Hastelloy and stainless steel)					*) ref. temperature 20 °C Setting of pressure indication in
Degree of protection IP68 (only for M20 x 1.5 and ½-14 NPT)	D12	✓	✓	✓	non-pressure units ¹⁾
Nominal pressure rating PN 500	D56	1			Specify in plain text: Y22: up to I/min, m ³ /h, m, USgpm,
(MAWP 7250 psi)	D30				(specification of measuring range in pressure
(Only for measuring cell 600 mbar 30 bar (240 inH ₂ O 435 psi), SIL- und Ex-options					units "Y01" or "Y02" is essential, unit with max. 5 characters)
not possible)) ²⁾					Preset bus address
Use in or on zone 1D/2D	E01	✓	✓	✓	possible between 1 and 126 Specify in plain text: Y25:
(only together with type of protection "Intrinsic safety (EEx ia)")					Factory mounting of valve manifolds, see acce
Export approval Korea	E11	1	✓	✓	Only "Y01", "Y21", "Y22", "Y25" and "D05" can b
Explosion-proof "Intrinsic safety" (Ex ia) to	E25	✓	✓	✓	✓ = available
INMETRO (Brazil) (only for transmitter 7MF4B)					Preset values can only be changed over SIMAT
Explosion-proof "Intrinsic safety" (Ex d) to	E26	1	1	1	2) Tested according to IEC 61010. Only for measu
INMETRO (Brazil)					of fluids 2 in accordance with DGRL permissib rous media suitable.
(only for transmitter 7MF4D)					,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,

Ex Approval IEC Ex (EEx ia)	E45	✓	✓	✓
(only for transmitter 7MF4B)	E46			.,
Ex Approval IEC Ex (EEx id) (only for transmitter 7MF4D)	E46	•	•	•
Explosion-proof "Intrinsic safety"	E55	✓	1	1
to NEPSI (China)				
(only for transmitter 7MF4B)	EEC	,		,
Ex prot. "Explosion-proof" to NEPSI (China) (only for transmitter 7MF4D)	E56	•	•	٧
Explosion-proof "Zone 2" to NEPSI (China)	E57	1	1	1
(only for transmitter 7MF4				
Two coats of lacquer on casing and cover (PU on epoxy)	G10	✓	1	✓
Interchanging of process connection side	H01	√	1	✓
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	Y01	1		
(max. 5 characters):	101	•		
Y01: up to mbar, bar, kPa, MPa, psi • in the case of square rooted characteristic	Y02	1		
(max. 5 characters):	102	·		
Y02: up to mbar, bar, kPa, MPa, psi	V45	./		./
Stainless steel tag plate (measuring point description)	Y15	•	•	•
Max. 16 char., specify in plain text: Y15:				
Measuring point text Max. 27 char., specify in plain text: Y16:	Y16	✓	1	✓
Entry of HART address (TAG)	Y17	1		
Max. 8 char., specify in plain text: Y17:				
Setting of pressure indication in pressure	Y21	✓	✓	✓
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				
Setting of pressure indication in	Y22 +	✓		
non-pressure units ¹⁾ Specify in plain text:	Y01 or Y02			
Y22: up to I/min, m ³ /h, m, USgpm,				
(specification of measuring range in pressure units "Y01" or "Y02" is essential, unit with				
max. 5 characters)				
Preset bus address	Y25		1	
possible between 1 and 126 Specify in plain text: Y25:				
Factory mounting of valve manifolds, see according to the control of the control	essories	S.		
Only "Y01", "Y21", "Y22", "Y25" and "D05" can be	oe facto	y pres	et.	
✓ = available				
1) Preset values can only be changed over SIMA	TIC PDM	1.		
2) Tested according to IEC 61010. Only for meas of fluids 2 in accordance with DGRL permissik rous media suitable.	uring ma	aterials	of the with da	group inge-

Order code

E28

E45

HART PA FF