Add order code and plain text: Material:; Extension length: Process connection on high-pressure side: Extension length None 50 mm (1.97 inch) 100 mm (3.94 inch) 150 mm (5.90 inch) 200 mm (7.87 inch) Other version: See option "9" for "Wetted parts materials" Process connection on high-pressure side: Nominal diameter/Nominal pressure DN 50, PN 40 ⁶⁾ DN 80, PN 40 DN 100, PN 16 DN 100, PN 40 4", class 150 ⁶⁾ 2", class 300 ⁶⁾ 3", class 300 4", class 300 4", class 300 4", class 150 4", class 150	Selection and Ordering d	lata	Order No.	Orc	der code
Dis-cast atuminum, dual compartment	Pressure transmitters for	r level, SITRANS P500 HART	7MF56 - 0		
Dis-cast atuminum, dual compartment	Enclosure	Thread for cable gland			
Dischast sturningm, duel compertment 19-14 NPT 1		-	0		
August A		·			
Measuring cell filing Measuring cell cleaning Silicons oil		72 11111			
Measuring cell filling	•		3		
Silicone oil		Measuring cell cleaning	_ •		
Measuring span (minmax) 1.25 250 mbar (0.5 10.0.4 inHyC) 6.25 1250 mbar (0.5 10.0.4 i	•		1		
1.25 250 mbar (0.5 100.4 inHpQ) &E (25 125 bmbar (2.5 502 inHpQ) Wetted parts of the low-pressure side (stainless steel process flanges) Seal diaphragm Process connection stainless steel Seal process connection of low-pressure side Forcess connection of low-pressure side Female thread ¼-18 NPT • Sealing screw opposite process connection • Mounting thread 716 - 20 UNF according to IEC 61518 • Mounting thread 716 - 20 UNF ac			-		
Metted parts of the low-pressure side (stainless steel process flanges) Seal disphragm Process connection stainless steel Stainl			n		
Wetted parts of the low-pressure side (stainless steel process flanges)					
(statinless steel process flanges) Seal diaphragm Process connection stainless steel stainless steel stainless steel stainless steel Monel stainless steel CProcess connection of low-pressure side Female thread ¼-18 NPT • Sealing screw opposite process connection - Mounting thread 1/16 - 20 UNF according to IEC 61518 - Mounting thread M10 to DIN 19213 • Vent on side of process flange - Mounting thread 7/16 - 20 UNF according to IEC 61518 - Mounti					
Stainless steel Stainless steel Monet Stainless steel Monet Stainless steel Stainless st					
Stainless steel Stainless steel B B C Frocess connection of low-pressure side B C Frocess connection of low-pressure side C Frocess connection of low-pressure side C Frocess connection of low-pressure side C Frocess connection C C C C C C C C C	Seal diaphragm	Process connection			
Hastelloy stainless steel			A		
Mone Stainless steel C Process connection of low-pressure side Female thread 1/4-18 NPT	Hastellov				
Process connection of low-pressure side					
Female thread ¼-18 NPT • Sealing screw opposite process connection • Mounting thread 7/16 - 20 UNF according to IEC 61518 • Mounting thread M10 to DIN 19213 • Vent on side of process flange • Mounting thread M10 to DIN 19213 • Vent on side of process flange • Mounting thread M10 to DIN 19213 • Wetted parts materials (high-pressure side) Stainless steel/316L Hastelloy C276 Monel 2 Tantalum 7 Tantalum 8 PA coated on steel/316L PTFE on stainless steel/316L (not in combination with an extension) 9 Y N1 N1 N1 N1 N1 N1 N1 N1 N1 N	-		_		
- Mounting thread 7/16 - 20 UNF according to IEC 61518					
- Mounting thread 7/16 - 20 UNF according to IEC 61518	• Cooling paraw apposite s	arages connection			
- Mounting thread M10 to DIN 19213 • Vent on side of process flange - Mounting thread 7/16 - 20 UNF according to IEC 61518 - Mounting thread 7/16 - 20 UNF according to IEC 61518 - Mounting thread M10 to DIN 19213 Wetted parts materials (high-pressure side) Stainless steel/316L Hastelloy C276			0		
• Vent on side of process flange					
- Mounting thread 7/16 - 20 UNF according to IEC 61518 - Mounting thread M10 to DIN 19213 5 Wetted parts materials (high-pressure side) Stainless steel/316L	<u> </u>				
- Mounting thread M10 to DIN 19213 Wetted parts materials (high-pressure side) Stainless steel/316L Monel Tantalum PFA coated on steel/316L ATTE on stainless steel/316L (not in combination with an extension) Other version Add order code and plain text: Material:; Extension length: Process connection on high-pressure side: Extension length None A					
Wetted parts materials (high-pressure side) 0 Stainless steel/316L 0 Hastelloy C276 1 Monel 2 Tantalum 3 PFA coated on steel/316L 4 PTFE on stainless steel/316L (not in combination with an extension) 6A Other version 9 Y Add order code and plain text: Material:; Extension length: Process connection on high-pressure side: Extension length A None A 50 mm (1.97 inch) B 100 mm (3.94 inch) C 150 mm (5.90 inch) D 200 mm (7.87 inch) E Other version: See option '9' for "Wetted parts materials' E Process connection on high-pressure side: Nominal diameter/Nominal pressure B DN 50, PN 40 ⁶ B DN 100, PN 40 B 2', class 300 ⁶ B 0N 100, PN 40 H 2', class 300 ⁶ M 3', class 150 Q 4', class 300 U 4', class 300 U					
Stainless steel/316L	 Mounting thread M10 to 	o DIN 19213	5		
Hastelloy C276	Wetted parts materials (h	nigh-pressure side)			
Hastelloy C276	Stainless steel/316L			0	
Monel 2 Tantalum 3 PFA coated on steel/316L 4 PTFE on stainless steel/316L (not in combination with an extension) 6 A Other version 9 Y Add order code and plain text: 9 Y Material:; Extension length: 8 Process connection on high-pressure side: Extension length 8 None A 50 mm (1.97 inch) B 100 mm (3.94 inch) C 150 mm (5.90 inch) D 200 mm (7.87 inch) E Other version: See option "9" for "Wetted parts materials" E Process connection on high-pressure side: Nominal diameter/Nominal pressure B DN 50, PN 40 ⁶) B DN 100, PN 16 G DN 100, PN 40 B 2", class 150 ⁶) L 2", class 150 ⁶) M 3", class 300 R 4", class 300 T 4", class 300 T 4", class 300 U Other version, add C Order Code and plain t	•				
Tantalum PFA coated on steel/316L PFA coated on steel/316L (not in combination with an extension) Other version Add order code and plain text: Material:; Extension length: Process connection on high-pressure side: Extension length None Pomm (1.97 inch) None So mm (1.97 inch) Co so mm (3.94 inch) Co so mm (7.87 inch) Other version: See option '9' for 'Wetted parts materials' Process connection on high-pressure side: Nominal diameter/Nominal pressure N 50, PN 406) DN 50, PN 406 DN 100, PN 40 DN 100, PN 40 PN	•				
PFA coated on steel/316L 4 PTEE on stainless steel/316L (not in combination with an extension) 6 A Other version 9 Y Act d order code and plain text: Material:; Extension length: N1 Process connection on high-pressure side: Extension length A None A 50 mm (1.97 inch) B 100 mm (3.94 inch) C 150 mm (5.90 inch) D 200 mm (7.87 inch) E Other version: See option "9" for "Wetted parts materials" E Process connection on high-pressure side: Nominal diameter/Nominal pressure B DN 50, PN 40 ⁶⁾ B DN 80, PN 40 D DN 100, PN 16 G DN 100, PN 40 G 2", class 150 ⁶⁾ L 2", class 300 ⁶ M 3", class 300 R 4", class 300 T 4", class 300 T 4", class 300 U Other version, add O 10 Order Code and plain text: Q					
### PTFE on stainless steel/316L (not in combination with an extension) ### Other version Add order code and plain text: Material:; Extension length: Process connection on high-pressure side: Extension length None					
Other version Add order code and plain text: Material:; Extension length: Process connection on high-pressure side: Extension length None A 50 mm (1.97 inch) 100 mm (3.94 inch) C 150 mm (5.90 inch) 200 mm (7.87 inch) D 100 mm (7.87 inch) Other version: See option '9' for "Wetted parts materials" E 100 mm (7.87 inch) Process connection on high-pressure side: Nominal diameter/Nominal pressure B 100 mm (7.87 inch) DN 50, PN 4060 B 100 mm (7.87 inch) DN 100, PN 400 D 100 mm (7.87 inch) DN 100, PN 400 D 100 mm (7.87 inch) DN 100, PN 400 D 100 mm (7.87 inch) DN 100, PN 400 D 100 mm (7.87 inch) DN 20, PN 4060 D 100 mm (7.87 inch) DN 30, PN 400 D 100 mm (7.87 inch) DN 400, PN 400 D 100 mm (7.87 inch) DN 400, PN 400 D 100 mm (7.87 inch) DN 50, PN 4060 D 100 mm (7.87 inch) DN 50, PN 4060 D 100 mm (7.87 inch) DN 50, PN 4060 D 100 mm (7.87 inch) DN 50, PN 4060 D 100 mm (7.87 inch) DN 50, PN 4060 D 100 mm (7.87 inch) DN 50, PN 4060 D 100 mm (7.87 inch) DN 50, PN 4060	·	6L (not in combination with an extension)			
Add order code and plain text: Material: ; Extension length: Process connection on high-pressure side: Extension length None A		or (not in combination with air extension)			N 1 Y
Material:; Extension length: Process connection on high-pressure side: Extension length None A 50 mm (1.97 inch) B 100 mm (3.94 inch) C 150 mm (7.87 inch) D 200 mm (7.87 inch) E Other version: See option "9" for "Wetted parts materials" E Process connection on high-pressure side: Nominal diameter/Nominal pressure B DN 50, PN 40 ⁶) B DN 80, PN 40 D DN 100, PN 16 G DN 100, PN 40 H 2", class 150 ⁶) L 2", class 300 ⁶) M 3", class 300 R 4", class 300 T 4", class 300 T 4", class 300 U Other version, add Order Code and plain text:		text:		· ·	
None 50 mm (1.97 inch) 100 mm (3.94 inch) 150 mm (5.90 inch) 200 mm (7.87 inch) 200 mm (7					
50 mm (1.97 inch) 100 mm (3.94 inch) 100 mm (5.90 inch) 200 mm (7.87 i	Process connection on h	igh-pressure side: Extension length	-		
100 mm (3.94 inch) 150 mm (5.90 inch) 200 mm (7.87 inch) Cher version: See option "9" for "Wetted parts materials" Process connection on high-pressure side: Nominal diameter/Nominal pressure DN 50, PN 40 ⁶⁾ DN 80, PN 40 DD DN 100, PN 16 DN 100, PN 40 C, class 150 ⁶⁾ C, class 150 ⁶⁾ C, class 300 ⁶⁾ C, class 300	None			Α	
100 mm (3.94 inch) 150 mm (5.90 inch) 200 mm (7.87 inch) Cher version: See option "9" for "Wetted parts materials" Process connection on high-pressure side: Nominal diameter/Nominal pressure DN 50, PN 40 ⁶⁾ DN 80, PN 40 DD DN 100, PN 16 DN 100, PN 40 C, class 150 ⁶⁾ C, class 150 ⁶⁾ C, class 300 ⁶⁾ C, class 300	50 mm (1.97 inch)			В	
200 mm (7.87 inch) Other version: See option "9" for "Wetted parts materials" Process connection on high-pressure side: Nominal diameter/Nominal pressure DN 50, PN 40 ⁶⁾ DN 80, PN 40 DN 100, PN 16 DN 100, PN 16 DN 100, PN 40 2", class 150 ⁶⁾ 2", class 300 ⁶⁾ 3", class 300 4", class 300 Cher version, add Order Code and plain text:				С	
200 mm (7.87 inch) Other version: See option "9" for "Wetted parts materials" Process connection on high-pressure side: Nominal diameter/Nominal pressure DN 50, PN 40 ⁶⁾ DN 80, PN 40 DN 100, PN 16 DN 100, PN 16 DN 100, PN 40 E 2", class 150 ⁶⁾ 2", class 300 ⁶⁾ 3", class 150 3", class 300 4", class 300 Other version, add Order Code and plain text:	150 mm (5.90 inch)			D	
Other version: See option "9" for "Wetted parts materials" Process connection on high-pressure side: Nominal diameter/Nominal pressure DN 50, PN 40 ⁶⁾ DN 80, PN 40 DN 100, PN 16 DN 100, PN 40 2", class 150 ⁶⁾ 2", class 300 ⁶⁾ 3", class 150 3", class 150 4", class 300 Other version, add Order Code and plain text:				E	
Process connection on high-pressure side: Nominal diameter/Nominal pressure DN 50, PN 40 ⁶⁾ DN 80, PN 40 DN 100, PN 16 DN 100, PN 40 4", class 150 ⁶⁾ Cy, class 300 ⁶⁾ 3", class 150 3", class 150 4", class 300 CR 4", class 300 CR 4", class 300 CR CR CR CR CR CR CR CR CR		"9" for "Wetted parts materials"			
DN 50, PN 40 ⁶⁾ DN 80, PN 40 DN 100, PN 16 DN 100, PN 40 C", class 150 ⁶⁾ L", class 300 ⁶⁾ S", class 150 S", class 300 T", class 300 C", cl			_		
DN 80, PN 40 DN 100, PN 16 CR DN 100, PN 40 2*, class 150 ⁶) 2*, class 300 ⁶) 3*, class 150 3*, class 300 4*, class 300 4*, class 300 U Other version, add Order Code and plain text:		3		ь	
DN 100, PN 16 DN 100, PN 40 2*, class 150 ⁶) 2*, class 300 ⁶) 3*, class 150 3*, class 300 4*, class 300 4*, class 300 U Other version, add Order Code and plain text:					
DN 100, PN 40 2", class 150 ⁶) 2", class 300 ⁶) 3", class 150 3", class 300 4", class 300 4", class 300 4", class 300 Cher version, add Order Code and plain text:					
2", class 150 ⁶⁾ 2", class 300 ⁶⁾ 3", class 150 3", class 300 4", class 150 4", class 150 4", class 300 Cher version, add Order Code and plain text:					
2", class 300 ⁶⁾ 3", class 150 3", class 300 4", class 150 4", class 150 4", class 300 U Other version, add Order Code and plain text:					
3", class 150 3", class 300 4", class 300 4", class 150 4", class 300 U Other version, add Order Code and plain text:				_	
3", class 300 4", class 150 4", class 300 U Other version, add Order Code and plain text:					
4*, class 150 4*, class 300 Other version, add Order Code and plain text:					
4", class 300 Other version, add Order Code and plain text:					
Other version, add Order Code and plain text:					
Order Code and plain text:					
				Z	Q 1 Y
Nominal diameter , Nominal pressure					
	rvonninai ulanticidi , INOI	πιπαι ρισσσαίο			

Selection and Ordering data		Order No.	Order cod		de
Pressure transmitters for level, SITRANS P500 HART	D)	7 M F 5 6			
Process connection on high-pressure side: Filling liquid					
Silicone oil M5			0		
Silicone oil M50			1		
High-temperature oil			2		
Halocarbon (for oxygen measurement)			3		
FDA compliant oil			4		
Glycerin/water			5		
Other version, add Order Code and plain text: Filling liquid:			9	R	ΙY

D) Subject to export regulations AL: N, ECCN: EAR99H.

Selection and Ordering data	Order code
Further designs Add "-Z" to Order No. and specify Order Code.	
Display (Standard: no display, cover closed)	
With display and blanking cover	A10
With display and glass cover	A11
Special version: cover/casing	
Two coats of lacquer on casing, cover (PU on epoxy)	A20
Electrical connection and cable entry (Standard: no cable gland, only dust protection caps)	
Cable gland made of plastic (IP66/68) ⁴⁾	A50
Cable glands made of metal (IP66/68)	A51
Cable glands made of stainless steel (IP66/68)	A52
M12 connectors without cable socket (IP66/67) ⁴⁾	A60
M12 connectors, cable socket (IP66/67) ⁴⁾	A61
Han 7D connectors, plastic, straight (with cable socket) (IP65) ⁴⁾	A71
Han 7D connectors, plastic, angled (with cable socket) (IP65) ⁴⁾	A72
Han 7D connectors, metal enclosure, straight (with cable socket) (IP65) ⁴⁾	A73
Han 7D connectors, metal enclosure, angled (with cable socket) (IP65) ⁴⁾	A74
Han 8D connectors, plastic, straight (with cable socket) (IP65) ⁴⁾⁷⁾	A75
Han 8D connectors, plastic, angled (with cable socket) (IP65) ⁴⁾⁷⁾	A76
Han 8D connectors, metal enclosure, straight (with cable socket) (IP65) ⁴⁾⁷⁾	A77
Han 8D connectors, metal enclosure, angled (with cable socket) (IP65) ⁴⁾⁷⁾	A78
PG 13.5 adapters ⁴⁾	A82
Language for labels, leporellos and menu language default ⁰) (instead of English as standard)	
German	B10
French	B12
Spanish	B13
Italian	B14
Chinese	B15
Russian	B16
Japanese	B17
English with units: psi/inH ₂ O	B21
Special version: Supplementary menu languages (Standard: English, German, French, Spanish, Italian)	
Asia language package (in addition: Chinese, Japanese, Russian)	B80
Certificates (available online for downloading) ¹⁾	
Quality inspection certificate (Five-step factory calibration) according to IEC 60770-2 ²⁾	C11
Acceptance test certificate according to EN 10204-3.1 ³⁾	C12
Degree of protection approvals: Ex ia/ib (intrinsic safety)	
Ex ia/ib protection (ATEX) (T4)	E00
Ex IS protection (FM) (T4)	E01
Ex IS protection (_C CSA _{US}) (T4)	E02
Ex ia/ib protection (NEPSI) (T4)	E06

Selection and Ordering data	Order code
Further designs Add "-Z" to Order No. and specify Order Code.	
Degree of protection approvals: Ex d (flameproof)	
Ex d explosion-proof (ATEX)(T4/T6)	E20
Ex XP explosion-proof and DIP (FM)(T4/T6)	E21
Ex XP explosion-proof and DIP (_C CSA _{US})(T4/T6) Ex d explosion-proof (NEPSI)(T4/T6)	E22 E26
Degree of protection approvals: n/NI	
Zone 2 (nA, nL, ic) (ATEX) (T4/T6)	E40
Div2 NI, Div2 NI-field wiring (FM) (T4/T6)	E41
Zone 2 (nA, nL), Div2 NI (_C CSA _{US}) (T4/T6)	E42
Zone 2 (nA, nL) (NEPSI) (T4/T6)	E46
Degree of protection approvals: Zone 20/21/22	
Use in Zone 21/22 (Ex tD) (ATEX)	E60
Use in Zone 20/21/22 (Ex iaD) (ATEX)	E61
Use in Zone (Ex DIP) (ATEX)	E66
Degree of protection approvals: Combinations	
IS protection and XP and DIP (FM)	E71
IS protection and XP and DIP (_C CSA _{US})	E72
IS protection and XP and DIP (FM/ _C CSA _{US})	E73
Supplementary approvals / degree of protection	
Dual Seal approval ⁵⁾	E85
Special process connection versions (diff. pressure)	
Swap process connection: high-pressure side at front	L33
Process flanges, O-rings, special material Standard: Viton (FKM (FPM)	
Process connection sealing rings made of PTFE (Teflon), virginal	L60
Process connection sealing rings made of PTFE (Teflon), glass fiber-reinforced	L61
Process connection sealing rings made of FFPM (Kalrez)	L62
Process connection sealing rings made of NBR	L63
Drain/Vent valve (1 set = 2 units)	
2 ventilation valves $\frac{1}{4}$ - 18 NPT, in material of process flange)	L80
Vacuum-proof design	
Vacuum service	V04
Spark arrester For mounting on zone 0 (including documentation)	V05
1) Enclosed in print or as CD: see page 2/186.	

- When also ordering the quality inspection certificate (factory calibration) according to IEC 60770-2 for transmitters with mounted diaphragm seals: Order this certificate only together with the remote seals. The measuring accuracy of the total combination is certified here.
- When also ordering the acceptance test certificate according to EN 10204-3.1 for transmitters with mounted diaphragm seals: Order this certificate as well in addition to the respective remote seals.
- 4) Not together with types of protection "Explosion-proof", "Ex nA" and "Intrinsic safety and explosion-proof"
- $^{5)}$ Only in conjunction with FM and/or $_{\rm C}{\rm CSA}_{\rm US}$
- 6) Not recommended for Measuring span "D"
- ⁷⁾ The Han 8D plug is identical with the former Han 8U version.
 - 8) For option B15, B16 and B17 the menu language default is english. Otherwise the Option B80 (Asia language package) is necessary.

Selection and ordering data	Order code
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:	
Linear characteristic curve (max. 5 characters): Y01: up to mbar, kPa, MPa, psi	Y01
Measuring point number and measuring point identifier (only standard ASCII character set)	
Specify in plain text:	
Measuring point number (TAG No.), max. 16 characters	Y15
Y15:	
Measuring point text (max. 27 char.) Y16:	Y16
Entry of HART address (TAG), max. 32 characters Y17:	Y17
Setting of pressure indication in pressure units	Y21
Specify in plain text (standard setting: mbar) Y21: bar, kPa, MPa, psi,	
Note: The following pressure units are selectable: bar, mbar, mm H_2O^*), in H_2O^*), ft H_2O^*), mmHG, inHG, psi, Pa, kPa, MPa, g/cm^2 , kg/cm^2 , Torr, ATM, % or mA	
*) Reference temperature 20 °C	
Setting of pressure indication in non-pressure units	Y22 +
Specify in plain text:	Y01
Y22: up to I/min, m³/h, m, USgpm, (specification of measuring range in pressure units "Y01" is essential, unit with max. 5 characters)	
Customer-specific settings	
Damping setting (range: 0 100 s) (Standard setting: 2 s)	Y30