Selection and Ordering data			Order No.		er cod
Pressure transmitters for lev	rel, SITRANS P500 HART		7 M F 5 6 0	-	
Enclosure		Thread for cable gland			
Die-cast aluminum, dual comp		M20x1.5	0		
Die-cast aluminum, dual comp	partment	½-14 NPT	1		
Output					
4 20 mA, HART Measuring cell filling	Measuring cell cleaning	a	3		
Bilicone oil	normal	y	1		
Measuring span (min max					
1.25 250 mbar	(0.5 100.4 inH ₂ O)		D		
6.25 1250 mbar	(2.5 502 inH ₂ O)		E		
Netted parts of the low-pres stainless steel process flange					
Seal diaphragm	Process connection				
Stainless steel 1.4404/316L	Stainless steel 1.4404/3		A		
Hastelloy C276	Stainless steel 1.4404/3		В		
Monel 400	Stainless steel 1.4404/3	16L	C		
rocess connection of low-p	ressure side				
emale thread 1/4-18 NPT					
Sealing screw opposite proc					
Mounting thread 7/16 - 20Mounting thread M10 to DI		8	0 1		
Vent on side of process flang	ge				
Mounting thread 7/16 - 20Mounting thread M10 to DI	•	8	4 5		
Wetted parts materials (high					
Stainless steel 1.4404/316L				0	
Hastelloy C276 mat. no. 2.481	9			1	
Monel 400 mat. no. 2.4360				2	
「antalum				3	
PFA coated on stainless steel				4	
PTFE on stainless steel 1.4404	1/316L (not in combination v	vith an extension)		6 A	
Other version Add order code and plain text Material: ; Extension length:				9 Y	N 1
Process connection on high		length			
None		-		Α	
50 mm (1.97 inch)				В	
100 mm (3.94 inch)				C	
150 mm (5.90 inch)				D	
200 mm (7.87 inch)				E	
Other version: See option "9" f	or "Wetted parts materials"				
Process connection on high	-pressure side: Nominal d	iameter/Nominal pressure			
ON 50, PN 40 ⁶⁾				В	
ON 80, PN 40				D	
ON 100, PN 16				G	
ON 100, PN 40				H	
2", class 150 ⁶⁾				L	
2", class 300 ⁶⁾ 3", class 150				M	
3, class 150 3", class 300				Q R	
4", class 150				T	
4", class 300				Ü	
Other version, add				z	Q 1
Order Code and plain text:	1				
Nominal diameter: ; Nomina	u pressure:				

Selection and Ordering data	Order No.	Orde	er code
Pressure transmitters for level, SITRANS P500 HART	7MF56 - 0 - 0 -		
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	R1Y

Selection and Ordering data	Order code	Selection and Ordering data	Order code
Further designs Add "-Z" to Order No. and specify Order Code.		Further designs Add "-Z" to Order No. and specify Order Code.	
Display		Degree of protection approvals: Ex d (flameproof)	
(Standard: no display, cover closed)	440	Ex d explosion-proof (ATEX)(T4/T6)	E20
With display and place accura	A10	Ex XP explosion-proof and DIP (FM)(T4/T6)	E21
With display and glass cover	A11	Ex XP explosion-proof and DIP ($_{\rm C}$ CSA $_{\rm US}$)(T4/T6)	E22
Special version: cover/casing	A20	Ex d explosion-proof (NEPSI)(T4/T6)	E26
Two coats of lacquer on casing, cover (PU on epoxy) Electrical connection and cable entry	A20	Degree of protection approvals: n/NI	
(Standard: no cable gland, only dust protection caps)		Zone 2 (nA, nL, ic) (ATEX) (T4/T6) Div2 NI, Div2 NI-field wiring (FM) (T4/T6)	E40 E41
Cable gland made of plastic (IP66/68) ⁴⁾	A50	Zone 2 (nA, nL), Div2 NI (CCSAUS) (T4/T6)	E42
Cable glands made of metal (IP66/68)	A51	Zone 2 (nA, nL) (NEPSI) (T4/T6)	E46
Cable glands made of stainless steel (IP66/68)	A52	Degree of protection approvals: Zone 20/21/22	
M12 connectors without cable socket (IP66/67) ⁴⁾	A60	Use in Zone 21/22 (Ex tD) (ATEX)	E60
M12 connectors, cable socket (IP66/67) ⁴⁾	A61	Use in Zone 20/21/22 (Ex iaD) (ATEX)	E61
Han 7D connectors, plastic, straight	A71	Use in Zone (Ex DIP) (ATEX)	E66
(with cable socket) (IP65) ⁴⁾		Degree of protection approvals: Combinations	
Han 7D connectors, plastic, angled (with cable socket) (IP65) ⁴⁾	A72	IS protection and XP and DIP (FM)	E71
Han 7D connectors, metal enclosure, straight	A73	IS protection and XP and DIP ($_{\mbox{\scriptsize C}}\mbox{\scriptsize CSA}_{\mbox{\scriptsize US}}$)	E72
(with cable socket) (IP65) ⁴⁾	Ais	IS protection and XP and DIP ($FM/_CCSA_{US}$)	E73
Han 7D connectors, metal enclosure, angled	A74	Supplementary approvals / degree of protection	
(with cable socket) (IP65) ⁴⁾		Dual Seal approval ⁵⁾	E85
Han 8D connectors, plastic, straight (with cable socket) (IP65) ⁴⁾⁷⁾	A75	Special process connection versions (diff. pressure)	
Han 8D connectors, plastic, angled	A76	Swap process connection: high-pressure side at front	L33
(with cable socket) (IP65) ⁴⁾⁷⁾	.	Process flanges, O-rings, special material	
Han 8D connectors, metal enclosure, straight (with cable socket) (IP65) ⁴⁾⁷⁾	A77	Standard: Viton (FKM (FPM) Process connection sealing rings made of PTFE (Teflon),	L60
Han 8D connectors, metal enclosure, angled (with cable socket) (IP65) ⁴⁾⁷⁾	A78	virginal Process connection sealing rings made of PTFE (Teflon),	L61
PG 13.5 adapters ⁴⁾	A82	glass fiber-reinforced	
Language for labels, leporellos and menu language		Process connection sealing rings made of FFPM (Kalrez)	L62
default ⁸⁾ (instead of English as standard)		Process connection sealing rings made of NBR	L63
German	B10	Process connection sealing rings made of graphite	L64
French	B12	Drain/Vent valve (1 set = 2 units)	
Spanish	B13	2 ventilation valves 1/4- 18 NPT, in material of process	L80
Italian	B14	flange)	
Chinese	B15	Vacuum-proof design	
Russian	B16	Vacuum service	V04
Japanese	B17	Spark arrester	V05
English with units: psi/inH ₂ O	B21	For mounting on zone 0 (including documentation)	
Special version: Supplementary menu languages (Standard: English, German, French, Spanish, Italian)		 Enclosed in print or as CD: see page 1/192. When also ordering the quality inspection certificate (factory calibration) 	
Asia language package (in addition: Chinese, Japanese, Russian)	B80	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.	
Certificates (available online for downloading) ¹⁾		3) When also ordering the acceptance test certificate according EN 10204-3.1 for transmitters with mounted diaphragm sea	
Quality inspection certificate (Five-step factory calibration) according to IEC 60770-2 ²)	C11	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	
Acceptance test certificate according to EN 10204-3.1 ³⁾	C12	"Intrinsic safety and explosion-proof"	
Degree of protection approvals: Ex ia/ib (intrinsic		 Only in conjunction with FM and/or _CCSA_{US} Not recommended for Measuring span "D" 	
safety)		 Not recommended for Measuring span "D" The Han 8D plug is identical with the former Han 8U version 	١.
Ex ia/ib protection (ATEX) (T4)	E00	8) For option B15, B16 and B17 the menu language default is english. Other-	
Ex IS protection (FM) (T4)	E01	wise the Option B80 (Asia language package) is necessary	
Ex IS protection (_C CSA _{US}) (T4)	E02		
Ex ia/ib protection (NEPSI) (T4)	E06		

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 ₂ O*), in H ₂ O*), ftH ₂ O*), mmHG, inHG, psi, Pa, kPa, MPa, g/cm², kg/cm², Torr, ATM, % or mA	
*) Reference temperature 20 °C	
Setting of pressure indication in non-pressure units Specify in plain text:	Y22 + Y01
Y22: up to I/min, m ³ /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