Selection and Ordering data	Ar	ticle	e N	lo.		9	Selection and Ordering data Ar	ticle N	0.
Pointek CLS200 - Standard - Rod Version with	7N	/L5	630	0-		F	Pointek CLS200 - Standard - Rod Version with 7N	L5630	)-
Threaded or Flanged process connection  Versatile inverse frequency shift capacitance level and material detection switch with optional rod/ cable choices and configurable output. CLS200 is ideal for detection of liquids, solids, slurries, foam, and interfaces, and has the ability to tune out buildup on the probe.  Click on the Article No. for the online configuration in the RIAL Life Cycle Portal.	-				0	\ 6 i 8 <u>k</u>	Versatile inverse frequency shift capacitance level and material detection switch with optional rod/sable choices and configurable output. CLS200 is deal for detection of liquids, solids, slurries, foam, and interfaces, and has the ability to tune out buildup on the probe.  Add Order code Y01 and plain text:		- • • • 0
tion in the PIA Life Cycle Portal.  Process connection						-	Insertion length mm" Extended rod, 210 1 000 mm (8.27 39.37 inch)	м	
Threaded, 316L stainless steel  3/4" NPT [(Taper), ANSI/ASME B1.20.1]  1" NPT [(Taper), ANSI/ASME B1.20.1]  11/4" NPT [(Taper), ANSI/ASME B1.20.1]  11/2" NPT [(Taper), ANSI/ASME B1.20.1]  R 3/4" [(BSPT), EN 10226/PT (JIS-T), JIS B 0203]  R 1" [(BSPT), EN 10226/PT (JIS-T), JIS B 0203]	0 E 0 C 0 I 1 A	B C D A B				E ( E ( E	Extended rod, 1 001 2 000 mm  39.41 78.74 inch)  Extended rod, 2 001 3 000 mm  78.78 118.11 inch)  Extended rod, 3 001 4 000 mm  118.15 157.48 inch)  Extended rod, 4 001 5 000 mm  (157.52 196.85 inch)	P Q R S	
R 1½" [(BSPT), EN 10226/PT (JIS-T), JIS B 0203] G ¾" [(BSPP), EN ISO 228-1/PF (JIS-P), JIS B 0202]	_						Extended rod, 5 001 5 500 mm (196.89 216.53 inch)	3	
G 1" [(BSPP), EN ISO 228-1/PF (JIS-P), JIS B 0202] G 11/2" [(BSPP), EN ISO 228-1/PF (JIS-P), JIS B 0202]  Welded flange, 316L stainless steel, raised face						\ V	Thermal isolator Without thermal isolator With thermal isolator [for process connection emperatures over 85 °C (185 °F)]	0	
1" ASME, 150 lb	5 /	A					Remote mount electronics and mounting bracket		
1" ASME, 300 lb 1" ASME, 600 lb	5 E						With 2 m (79 inch) of cable 1)2)	2	
1½" ASME, 150 lb							With 5 m (197 inch) of cable <sup>1)2)</sup>	3	
1½" ASME, 300 lb 1½" ASME, 600 lb	5 E 5 I						Wetted seals	0	
2" ASME, 150 lb							FFKM [for process temperatures above -20 °C (-4 °F)]	1	
2" ASME, 300 lb 2" ASME, 600 lb	5 H						Probe material B16L stainless steel with PPS probe body		0
3" ASME, 150 lb							316L stainless steel with PVDF probe body		1
3" ASME, 300 lb 3" ASME, 600 lb	5 I 5 N						Approvals		
4" ASME, 150 lb							Dust Ignition Proof:  CE, RCM, ATEX II 1/2 D T100 °C		С
4" ASME, 300 lb 4" ASME, 600 lb Welded flange, 316L stainless steel,	5 F 5 C					F (	Flameproof Enclosure with IS Probe:  DE, RCM, ATEX II 1 G EEx d[ia] IIC T6 T4,  ATEX II 1/2 D T100 °C		D
Type A flat faced						F	Flameproof Enclosure with IS Probe,		E
DN 25, PN 16 DN 25, PN 40 DN 40, PN 16	6 A 6 E	В				(	with WHG approval: CE, RCM, ATEX II 1/2 G EEx d[ia] IIC T6 T4, ATEX II 1/2 D T100 ℃		
DN 40, PN 40 DN 50, PN 16 DN 50, PN 40	6 E 6 E	E				(	Dust Ignition Proof with IS Probe: CSA/FM Class II, Div. 1, Groups E, F, G CSA/FM Class III T4		F
DN 80, PN 16 DN 80, PN 40 DN 100, PN 16 DN 100, PN 40	6 C 6 H 6 G	H J				(	Explosion Proof Enclosure with IS Probe: CSA/FM Class I, Div. 1, Groups A, B, C, D CSA/FM Class II, Div. 1, Groups E, F, G CSA/FM Class III T4		G
(Note: Flange bolting patterns and facings	01	•					General Purpose (CSA, FM)		Н
dimensionally correspond to the applicable ASME B16.5 or EN 1092-1 standard.)							General Purpose (CE, RCM)		J
Probe length (length from flange face) (threaded lengths include process thread)						V	General Purpose (CSA, FM, CE, RCM) with WHG approval Enclosure and lid		K
Note: No Y01 needed in Order code for							Aluminum epoxy coated		
standard lengths Compact [threaded 120 mm (4.72 inch),		Α				2	2 x ½" NPT via adapter - cable inlet, IP65 2 x M20 x 1.5 cable inlet IP65		A B
Flanged 98 mm (3.86 inch)] Extended rod, 250 mm (9.84 inch)		В					2 x ½" NPT via adapter - cable inlet, IP68		C
Extended rod, 350 mm (13.78 inch)		С					2 x M20 x 1.5 cable inlet IP68		D
Extended rod, 500 mm (19.69 inch) Extended rod, 750 mm (29.53 inch) Extended rod, 1 000 mm (39.37 inch)		D E F					Barrier or Intrinsically Safe power supply required for Intrin protection  Available with approval options F, G, and H	sically	Safe
Extended rod, 1 250 mm (49.21 inch)  Extended rod, 1 350 mm (53 15 inch)		G					<ul> <li>Available with approval options F, G, and H</li> <li>We can offer shorter delivery times for configurations design</li> </ul>	nnatod	with the
Extended rod, 1 350 mm (53.15 inch) Extended rod, 1 500 mm (59.06 inch)		J				\ \ \	Quick Ship Symbol . For details see page 9/5 in the app		with the
Extended rod, 1 750 mm (68.90 inch) Extended rod, 2 000 mm (78.74 inch)		K L							

Selection and Ordering data	Order code	Selection and Ordering data	Α	rticle No	).
Further designs		Pointek CLS200 - Standard - Cable Version with	7	ML5631-	
Please add "-Z" to Article No. and specify Order		Threaded or Flanged process connection  Versatile inverse frequency shift capacitance level	ı	-	0
code(s).  Total insertion length: enter the total insertion length  in plain text description	Y01	and material detection switch with optional rod/ cable choices and configurable output. CLS200 is ideal for detection of liquids, solids, slurries, foam,			
Stainless steel tag [69 x 50 mm (2.71 x 1.97 inch)]:	V15	and interfaces, and has the ability to tune out buildup on the probe.			
Measuring-point number/identification (max. 27 characters) specify in plain text	110				
Manufacturer's test certificate: M to DIN 55350, Part 18 and ISO 9000	C11	Process connection Threaded, 316L stainless steel			
Inspection Certificate Type 3.1 per EN 10204	C12		0 0	АВ	
SIL/IEC 61508 Declaration of Conformity [SIL 2 (overspill)]	C20	11/4" NPT [(Taper), ANSI/ASME B1.20.1]	0	С	
Operating Instructions		* · · · · ·	0	D A	
Note: The Operating Instructions should be	See page 4/35	[(==: -), =: -====, - (=:= -), =:= = ====]	1		
ordered as a separate line on the order.	pg	R 1½" [(BSPT), EN 10226/PT (JIS-T), JIS B 0203] G ¾" [(BSPP), EN ISO 228-1/PF (JIS-P), JIS B 0202]	1 3		
This device is shipped with the Siemens Level and Weighing manual DVD containing the ATEX Quick Start and manual library.		G 1" [(BSPP), EN ISO 228-1/PF (JIS-P), JIS B 0202] G 1½" [(BSPP), EN ISO 228-1/PF (JIS-P),	_	B	
Accessories	See page 4/35	JIS B 0202] Welded flange, 316L stainless steel, raised face	-		
<ul> <li>We can offer shorter delivery times for configurations of</li> </ul>	designated with the	· · · · · · · · · · · · · · · · · · ·	<b>5</b>	Α	
Quick Ship Symbol . For details see page 9/5 in the		1" ASME, 300 lb 1" ASME, 600 lb		B	
		1½" ASME, 150 lb 1½" ASME, 300 lb		D	
		11/2" ASME, 600 lb	5	F	
		2" ASME, 150 lb 2" ASME, 300 lb		G H	
		2" ASME, 600 lb 3" ASME, 150 lb		J K	
		3" ASME, 300 lb	5	L	
		3" ASME, 600 lb 4" ASME, 150 lb		M	
		4" ASME, 300 lb 4" ASME, 600 lb		PQ	
		Welded flange, 316L stainless steel, Type A flat faced	1		
		DN 25, PN 16	6		
		DN 25, PN 40 DN 40, PN 16		B	
		DN 40, PN 40 DN 50, PN 16		D E	
		DN 50, PN 40		F	
		DN 80, PN 40	-	G H	
		DN 100, PN 16 DN 100, PN 40		K	
		(Note: Flange bolting patterns and facings dimensionally correspond to the applicable			
		ASME B16.5 or EN 1092-1 standard.)  Probe length (length from flange face)	_		
		(threaded lengths include process thread)			
		Note: No Y01 needed in Order code for standard lengths			
		Extended cable, 3 000 mm (118.11 inch), length can be determined by customer on assembly 1)	•	A	
		Extended cable, 6 000 mm (236.22 inch), length	•	В	
		can be determined by customer on assembly <sup>1)</sup> Add Order code Y01 and plain text:			
		"Insertion length mm"			
		(19.69 196.85 inch)		С	
		(196.89 393.70 inch)	•	D	
		Extended cable, 10 001 15 000 mm (393.74 590.55 inch)	•	E	
		Extended cable, 15 001 20 000 mm (590.59 787.4 inch)	•	F	
			•	G	
		Extended cable, 25 001 30 000 mm	•	н	
		(984.29 1 181.1 inch)			

Selection and Ordering data		Artic	le N	Ю.		
Pointek CLS200 - Standard - Cable Version with	)	7ML	563	1-		
Threaded or Flanged process connection  Versatile inverse frequency shift capacitance level and material detection switch with optional rod/cable choices and configurable output. CLS200 is ideal for detection of liquids, solids, slurries, foam, and interfaces, and has the ability to tune out buildup on the probe.				-	•	0
Thermal isolator						
Without thermal isolator	•		0			
With thermal isolator [for process connection temperatures over 85 °C (185 °F)]	•		1			
Remote mount electronics and mounting						
<b>bracket</b> With 2 m (79 inch) of cable <sup>2)</sup>						
			2			
With 5 m (197 inch) of cable <sup>2)</sup> Wetted seals	•		3			
FKM and PTFE			0			
FFKM and PTFE [for process temperatures above -20 °C (-4 °F)]	•		1			
Probe material						
FEP jacketed cable with PPS probe body					0	
FEP jacketed cable with PVDF probe body	•				1	
Approvals						
Dust Ignition Proof: CE, RCM, ATEX II 1/2 D T100 °C	•				С	
Flameproof Enclosure with IS Probe: CE, RCM, ATEX II 1 G EEx d[ia] IIC T6 T4, ATEX II 1/2 D T100 °C	•				D	
Flameproof Enclosure with IS Probe, with WHG approval: CE, RCM, ATEX II 1/2 G EEx d[ia] IIC T6 T4, ATEX II 1/2 D T100 °C	•				E	
Dust Ignition Proof with IS Probe: CSA/FM Class II, Div. 1, Groups E, F, G CSA/FM Class III T4	•				F	
Explosion Proof Enclosure with IS Probe: CSA/FM Class I, Div. 1, Groups A, B, C, D CSA/FM Class II, Div. 1, Groups E, F, G CSA/FM Class III T4	•				G	
General Purpose (CSA, FM)	•				Н	
General Purpose (CE, RCM)				J		
General Purpose (CSA, FM, CE, RCM) with WHG approval	•				K	
Enclosure and lid						
Aluminum epoxy coated						
2 x ½" NPT via adapter - cable inlet, IP65	•					Α
2 x M20 x 1.5 cable inlet, IP65	•					В
2 x 1/2" NPT via adapter - cable inlet, IP68						С

<sup>1)</sup> Sensor detached to allow customer to set desired cable length

2 x M20 x 1.5 cable inlet, IP68

D

Selection and Ordering data	Order code
Further designs	
Please add "-Z" to Article No. and specify Order code(s).	
Total insertion length: enter the total insertion length in plain text description	Y01
Stainless steel tag [69 x 50 mm (2.71 x 1.97 inch)]: ● Measuring-point number/identification (max. 27 characters) specify in plain text	Y15
Manufacturer's test certificate: M to DIN 55350, Part 18 and ISO 9000	C11
Inspection Certificate Type 3.1 per EN 10204	C12
SIL/IEC 61508 Declaration of Conformity [SIL 2 (overspill)]	C20
Operating Instructions	
Note: The Operating Instructions should be ordered as a separate line on the order. This device is shipped with the Siemens Level and Weighing manual DVD containing the ATEX Quick Start and manual library.	See page 4/35
Accessories	See page 4/35

 We can offer shorter delivery times for configurations designated with the Quick Ship Symbol
 For details see page 9/5 in the appendix.

 $<sup>^{2)}</sup>$  Available with Approvals options F ... H

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 For details see page 9/5 in the appendix.

Pointek CLS200 - Standard - Rod with Sanitary process connection			L56				Pointek CLS200 - Standard - Rod with Sanitary process connection		7ML5632-
Versatile inverse frequency shift capacitance level and material detection switch with optional rod/cable choices and configurable output. CLS200 is ideal for detection of liquids, solids, slurries, foam, and interfaces, and has the ability to tune out buildup on the probe.		•				0	Versatile inverse frequency shift capacitance level and material detection switch with optional rod/cable choices and configurable output. CLS200 is ideal for detection of liquids, solids, slurries, foam, and interfaces, and has the ability to tune out buildup on the probe.		0
Click on the Article No. for the online configura- tion in the PIA Life Cycle Portal.							Approvals		
Process connection							Dust Ignition Proof: CE, RCM, ATEX II 1/2 D T100 °C	•	С
Sanitary 316L stainless steel  1" sanitary fitting clamp	•	8 A 8 B					Flameproof Enclosure with IS Probe: CE, RCM, ATEX II 1 G EEx d[ia] IIC T6 T4, ATEX II 1/2 D T100 °C	•	D
1½" sanitary fitting clamp 2" sanitary fitting clamp		8 C					Flameproof Enclosure with IS Probe,	•	E
2½" sanitary fitting clamp 3" sanitary fitting clamp	•	8 D 8 E					with WHG approval: CE, RCM, ATEX II 1/2 G EEx d[ia] IIC T6 T4, ATEX II 1/2 D T100 °C		
(Note: Sanitary connection dimensionally corresponds to the applicable ISO 2852 standard) <b>Probe length</b> (length from process connection							CSA/FM Class II, Div. 1, Groups E, F, G	•	F
face)							CSA/FM Class III T4 Explosion Proof Enclosure with IS Probe:		G
Note: No Y01 needed in Order code for standard lengths Compact, 98 mm (3.86 inch)	•		A				CSA/FM Class I, Div. 1, Groups A, B, C, D CSA/FM Class II, Div. 1, Groups E, F, G CSA/FM Class III T4		ď
Extended rod, 250 mm (9.84 inch) Extended rod, 350 mm (13.78 inch)	•		B C				General Purpose (CSA, FM)	•	н
Extended rod, 500 mm (19.69 inch)	•		D				General Purpose (CE, RCM)	•	J
Extended rod, 750 mm (29.53 inch) Extended rod, 1 000 mm (39.37 inch)	•		E F				General Purpose (CSA, FM, CE, RCM) with WHG approval	•	K
Extended rod, 1 250 mm (49.21 inch)  Extended rod, 1 350 mm (53.15 inch)	•		G H				Enclosure and lid Aluminum epoxy coated		
Extended rod, 1 500 mm (59.06 inch)  Extended rod, 1 750 mm (68.90 inch)	•		J K				2 x ½" NPT via adapter - cable inlet, IP65 2 x M20 x 1.5 cable inlet, IP65	•	A B
Extended rod, 2 000 mm (78.74 inch)	•		Ĺ				2 x ½" NPT via adapter - cable inlet, IP68 2 x M20 x 1.5 cable inlet, IP68	•	C
Add Order code Y01 and plain text: "Insertion length mm"							2 X IVIZO X 1.3 Gable IIIIet, II Go		
Extended rod, 110 350 mm (4.3 13.78 inch) Extended rod, 351 1 000 mm (13.78 39.37 inch) Extended rod, 1 001 2 000 mm (39.41 78.74 inch)	•		M N P				Selection and Ordering data Further designs		Order code
Extended rod, 2 001 3 000 mm	•		Q				Please add "-Z" to Article No. and specify Order code(s).		
(78.78 118.11 inch) Extended rod, 3 001 4 000 mm (118.15 157.48 inch)	•		R				Total insertion length: enter the total insertion length in plain text description	•	Y01
Extended rod, 4 001 5 000 mm	•		S				Stainless steel tag [69 x 50 mm (2.71 x 1.97 inch)]:	•	Y15
(157.52 196.85 inch) Extended rod, 5 001 5 500 mm (196.89 216.53 inch)	٠		т				Measuring-point number/identification (max. 27 characters) specify in plain text		
Thermal isolator Without thermal isolator	•		0				Manufacturer's test certificate: M to DIN 55350, Part 18 and ISO 9000	•	C11
With thermal isolator [for process connection	•		1				Inspection Certificate Type 3.1 per EN 10204	٠	C12
temperatures over 85 °C (185 °F)]  Remote mount electronics and							SIL/IEC 61508 Declaration of Conformity [SIL 2 (overspill)]		C20
mounting bracket Remote mount electronics with 2 m (79 inch)	•		2				Operating Instructions		
of cable Remote mount electronics with 5 m (197 inch) of cable	•		3				Note: The Operating Instructions should be ordered as a separate line on the order. This device is shipped with the Siemens Level and Weighing manual DVD containing the ATEX Quick		See page 4/35
Wetted seals FKM	٠			0			Start and manual library.		
FFKM  [for process temperatures above -20 °C (-4 °F)]	•			1			Accessories		See page 4/35
Probe material 316L stainless steel with PVDF probe body 316L stainless steel with PVDF probe body	•				0		<ul> <li>We can offer shorter delivery times for configurations Quick Ship Symbol</li> <li>For details see page 9/5 in the</li> </ul>		
316L stainless steel with PPS probe body					7				

Selection and Ordering data

Article No.

Article No.

Selection and Ordering data

Selection and Ordering data		Arti	cle	No	).	_
Pointek CLS200 - Standard - Sliding Coupling		7MI	_56	33		
with Threaded process connection  Versatile inverse frequency shift capacitance level and material detection switch with optional rod/cable choices and configurable output. CLS200 is ideal for detection of liquids, solids, slurries, foam, and interfaces, and has the ability to tune out buildup on the probe.						)
Process connection Threaded, 316L stainless steel						
3/4" NPT [(Taper), ANSI/ASME B1.20.1] 1" NPT [(Taper), ANSI/ASME B1.20.1] 11/4" NPT [(Taper), ANSI/ASME B1.20.1]	•	0 A 0 B 0 C				
1½" NPT [(Taper), ANSI/ASME B1.20.1] R ¾" [(BSPT), EN 10226/PT (JIS-T), JIS B 0203] R 1" [(BSPT), EN 10226/PT (JIS-T), JIS B 0203]	•	0 D 1 A 1 B				
R 1½" [(BSPT), EN 10226/PT (JIS-T), JIS B 0203] G ¾" [(BSPP), EN ISO 228-1/PF (JIS-P), JIS B 0202] G 1" [(BSPP), EN ISO 228-1/PF (JIS-P), JIS B 0202] G 1½" [(BSPP), EN ISO 228-1/PF (JIS-P), JIS B 0202]		1 D 3 A 3 B 3 D				
Probe length (length from flange face) (threaded lengths include process thread)						
Note: No Y01 needed in Order code for standard lengths						
Extended rod, 350 mm (13.78 inch) Extended rod, 500 mm (19.69 inch) Extended rod, 750 mm (29.53 inch)			C D E			
Extended rod, 1 000 mm (39.37 inch) Extended rod, 1 250 mm (49.21 inch) Extended rod, 1 350 mm (53.15 inch)	• • •		F G H			
Extended rod, 1 500 mm (59.06 inch) Extended rod, 1 750 mm (68.90 inch) Extended rod, 2 000 mm (78.74 inch)	• • •		J K L			
Add Order code Y01 and plain text: "Insertion length mm"						
Extended rod, 350 1 000 mm (13.78 39.37 inch)	•		M			
Extended rod, 1 001 2 000 mm (39.41 78.74 inch)	•		N			
Extended rod, 2 001 3 000 mm (78.78 118.11 inch)	•		Р			
Extended rod, 3 001 4 000 mm (118.15 157.48 inch)			Q			
Extended rod, 4 001 5 000 mm (157.52 196.85 inch)	•		R			
Extended rod, 5 001 5 500 mm (196.89 216.53 inch)	•		S			
Thermal isolator Without thermal isolator	•		0			
With thermal isolator [for process connection temperatures over 85 °C (185 °F)]	•		1			
Remote mount electronics and mounting bracket						
With 2 m (79 inch) of cable <sup>1)</sup> With 5 m (197 inch) of cable <sup>1)</sup>	•		2			
Wetted seals FKM and PTFE FFKM and PTFE [for process temperatures above -20 °C (-4 °F)]	•			0		
Probe material 316L stainless steel with PPS probe body 316L stainless steel with PVDF probe body	•				0	

Selection and Ordering data		Article No.	
Pointek CLS200 - Standard - Sliding Coupling with Threaded process connection	7ML5633-		
Versatile inverse frequency shift capacitance level and material detection switch with optional rod/cable choices and configurable output. CLS200 is ideal for detection of liquids, solids, slurries, foam, and interfaces, and has the ability to tune out buildup on the probe.		Ш	
Approvals			
Dust Ignition Proof: CE, RCM, ATEX II 1/2 D T100 °C		С	
Flameproof Enclosure with IS Probe: CE, RCM, ATEX II 1 G EEx d[ia] IIC T6 T4, ATEX II 1/2 D T100 °C	•	D	
Flameproof Enclosure with IS Probe, with WHG approval: CE, RCM, ATEX II 1/2 G EEx d[ia] IIC T6 T4, ATEX II 1/2 D T100 °C	•	E	
Dust Ignition Proof with IS Probe: CSA/FM Class II, Div. 1, Groups E, F, G CSA/FM Class III T4	•	F	
Explosion Proof Enclosure with IS Probe: CSA/FM Class I, Div. 1, Groups A, B, C, D CSA/FM Class II, Div. 1, Groups E, F, G CSA/FM Class III T4	•	G	
General Purpose (CSA, FM)	•	н	
General Purpose (CE, RCM)		J	
General Purpose (CSA, FM, CE, RCM) with WHG approval		K	
Enclosure and lid Aluminum epoxy coated 2 x ½" NPT via adapter - cable inlet, IP65 2 x M20 x 1.5 cable inlet, IP65 2 x ½" NPT via adapter - cable inlet, IP68 2 x M20 x 1.5 cable inlet, IP68	****	A B C D	
$^{1)}$ Available with Approvals options F H			

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 For details see page 9/5 in the appendix.

Selection and Ordering data	Order code
Further designs	
Please add "-Z" to Article No. and specify Order code(s).	
Total insertion length: enter the total insertion length • in plain text description	Y01
Stainless steel tag [69 x 50 mm (2.71 x 1.97 inch)]: ● Measuring-point number/identification (max. 27 characters) specify in plain text	Y15
Manufacturer's test certificate: M to DIN 55350, Part 18 and ISO 9000	C11
Inspection Certificate Type 3.1 per EN 10204	C12
SIL/IEC 61508 Declaration of Conformity [SIL 2 (overspill)]	C20
Operating Instructions	
Note: The Operating Instructions should be ordered as a separate line on the order. This device is shipped with the Siemens Level and Weighing manual DVD containing the ATEX Quick Start and manual library.	See page 4/35
Accessories	See page 4/35

We can offer shorter delivery times for configurations designated with the Quick Ship Symbol
 For details see page 9/5 in the appendix.

Selection and Ordering data	Article No.			Selection and Ordering data	Article No.						
Pointek CLS200 - Standard - PFA Coated Rod with PFA Coated Flanged process connection	7ML5634				Pointek CLS200 - Standard - PFA Coated Rod with PFA Coated Flanged process connection	7ML5634-					
Versatile inverse frequency shift capacitance level and material detection switch with optional rod/cable choices and configurable output. CLS200 is ideal for detection of liquids, solids, slurries, foam, and interfaces, and has the ability to tune out buildup on the probe.  Click on the Article No. for the online configura-	•		0		Versatile inverse frequency shift capacitance level and material detection switch with optional rod/cable choices and configurable output. CLS200 is ideal for detection of liquids, solids, slurries, foam, and interfaces, and has the ability to tune out buildup on the probe.  Thermal isolator				0		
tion in the PIA Life Cycle Portal.					Without thermal isolator With thermal isolator [for process connection		0				
Process connection Welded flange, 316L stainless steel, raised face					temperatures over 85 °C (185 °F)]	_					
1" ASME, 150 lb 1" ASME, 300 lb 1" ASME, 600 lb	5 A 5 B 5 C	3			Remote mount electronics and mounting bracket  With 2 m (79 inch) of cable  With 5 m (197 inch) of cable		2				
1½" ASME, 150 lb 1½" ASME, 300 lb 1½" ASME, 600 lb	5 D 5 E 5 F	•			Wetted seals	_					
2" ASME, 500 lb 2" ASME, 300 lb 2" ASME, 600 lb	5 G 5 H 5 J	à			FKM FFKM [for process temperatures above -20 °C (-4 °F)]  Probe material	-	0				
3" ASME, 150 lb 3" ASME, 300 lb 3" ASME, 600 lb	5 K 5 L 5 N	Л			PFA Coated 316L stainless steel with PPS probe body PFA Coated 316L stainless steel with PVDF probe body			0			
4" ASME, 150 lb 4" ASME, 300 lb 4" ASME, 600 lb Welded flange, 316L stainless steel,	5 N 5 P 5 G	•			Approvals  Dust Ignition Proof with IS Probe: CSA/FM Class II, Div. 1, Groups E, F, G	_		F	=		
Type A flat faced  DN 25, PN 16  DN 25, PN 40  DN 40, PN 16	6 A 6 B 6 C	3			CSA/FM Class III T4 Explosion Proof Enclosure with IS Probe: CSA/FM Class I, Div. 1, Groups A, B, C, D CSA/FM Class III, Div. 1, Groups E, F, G CSA/FM Class III T4			G	ì		
DN 40, PN 40 DN 50, PN 16 DN 50, PN 40	6 D 6 E 6 F	•			General Purpose (CSA, FM)  Enclosure and lid	_		Н	i		
DN 80, PN 16 DN 80, PN 40 DN 100, PN 16 DN 100, PN 40	6 G 6 H 6 J 6 K	i j			Aluminum epoxy coated  2 x ½" NPT via adapter - cable inlet, IP65  2 x M20 x 1.5 cable inlet, IP65  2 x ½" NPT via adapter - cable inlet, IP68  2 x M20 x 1.5 cable inlet, IP68				A B C		
(Note: Flange bolting patterns and facings dimensionally correspond to the applicable					·	Oude		-1 -			
ASME B16.5 or EN 1092-1 standard.)  Probe length (length from flange face)					Selection and Ordering data Further designs	Orde	COO	зе			
(threaded lengths include process thread)  Note: No Y01 needed in Order code for standard lengths					Please add "-Z" to Article No. and specify Order code(s).						
Compact, 98 mm (3.86 inch) Extended rod, 250 mm (9.84 inch)		A B C			Total insertion length: enter the total insertion length in plain text description	Y01					
Extended rod, 350 mm (13.78 inch)  Extended rod, 500 mm (19.69 inch)  Extended rod, 750 mm (29.53 inch)		D E			Stainless steel tag [69 x 50 mm (2.71 x 1.97 inch)]: Measuring-point number/identification (max. 27 characters) specify in plain text	Y15					
Extended rod, 1 000 mm (39.37 inch)  Extended rod, 1 250 mm (49.21 inch)  Extended rod, 1 350 mm (53.15 inch)		F G H			Manufacturer's test certificate: M to DIN 55350, Part 18 and ISO 9000	C11					
Extended rod, 1 500 mm (59.06 inch)					Inspection Certificate Type 3.1 per EN 10204	C12					
Extended rod, 1 750 mm (68.90 inch) Extended rod, 2 000 mm (78.74 inch)		K L			SIL/IEC 61508 Declaration of Conformity [SIL 2 (overspill)]	C20					
Add Order code Y01 and plain text: "Insertion length mm"					Operating Instructions			4/0			
Extended rod, 200 1 000 mm (7.87 39.37 inch) Extended rod, 1 001 2 000 mm (39.41 78.74 inch) Extended rod, 2 001 3 000 mm		M N P			Note: The Operating Instructions should be ordered as a separate line on the order. This device is shipped with the Siemens Level and Weighing manual DVD containing the ATEX Quick Start and manual library.	See p					
(78.78 118.11 inch)					Accessories	See p	age	4/3	5		
Extended rod, 3 001 4 000 mm (118.15 157.48 inch) Extended rod, 4 001 5 000 mm (157.52 196.85 inch)		Q R									
Extended rod, 5 001 5 500 mm (196.89 216.53 inch)		S									

Selection and Ordering data	Article No.
Operating Instructions - Standard	
English	7ML1998-5JH04
German	7ML1998-5JH34
Functional Safety manual, English	A5E35637149
Note: The Operating Instructions should be ordered as a separate line on the order.	
All literature is available to download for free, in a range of languages, at http://www.siemens.com/processinstrumentation/documentation	
This device is shipped with the Siemens Level and Weighing manual DVD containing the ATEX Quick Start and Operating Instructions library.	
Operating Instructions - Digital	
English	7ML1998-5JJ05
German	7ML1998-5JJ34
Note: The Operating Instructions should be ordered as a separate line on the order.	
All literature is available to download for free, in a range of languages, at http://www.siemens.com/processinstrumentation/documentation	
This device is shipped with the Siemens Level and Weighing manual DVD containing the ATEX Quick Start and Operating Instructions library.	
Accessories	
SensGuard, $\%$ " NPT (PPS) Only available for CLS200 with $\%$ " NPT thread	7ML1830-1DL
SensGuard, R 1" (BSPT) (PPS) Only available for CLS200 with ¾" NPT thread	7ML1830-1DM
One metallic cable gland M20 x 1.5, -40 +80 °C (-40 +176 °F) with integrated shield connection (available for PROFIBUS PA)	7ML1930-1AQ
General Purpose	
1/2" NPT General Purpose Cable Entry IP68/IP69K NEMA6, -40 +100 °C (-40 +212 °F), cable size 6 12 mm (0.236 0.472 inch)	7ML1830-1JA
M20 x 1.5 General Purpose Cable Entry IP68/IP69K NEMA6,-40100 °C (-40212 °F), cable size 7 12 mm (0.275 0.472 inch)	7ML1830-1JC
Hazardous Locations	
1/2" NPT EMC rated Cable Gland: Dust Ignition Proof, Flameproof Exd, and Increased Safety ATEX II 2 GD ExtD A21 (Zone 1, Zone 2, Zone 21, Zone 22, and in Gas Groups IIA,IIB and IIC) -60 +80 °C IP66, IP67, IP68, NEMA4X, cable sizes 5.5 12 mm (0.216 0.472 inch)	7ML1830-1JB
M20 EMC rated Cable Gland: Dust Ignition Proof, Flameproof Exd, and Increased Safety ATEX II 2 GD ExtD A21 (Zone 1, Zone 2, Zone 21, Zone 22 and in Gas Groups IIA, IIB and IIC) -60 +80 °C IP66, IP67, IP68, NEMA4X, cable sizes 5.5 12 mm (0.216 0.472 inch)	7ML1830-1JD
Blind threaded flanges are available.	
Customers interested in a custom designed device should consult a local sales person. For more information, please visit	
http://www.automation.siemens.com/aspa_app.	Con non- 4/70
Pointek Specials	See page 4/79