

Selection and Ordering data		Article No.	
Pointek CLS200 - Standard - Rod Version with Threaded or Flanged process connection		7ML5630-	
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 PIA Life Cycle Portal.			
Process connection			
Threaded, 316L stainless steel			
¾" NPT [(Taper), ANSI/ASME B1.20.1]		0 A	
1" NPT [(Taper), ANSI/ASME B1.20.1]		0 B	
1¼" NPT [(Taper), ANSI/ASME B1.20.1]		0 C	
1½" NPT [(Taper), ANSI/ASME B1.20.1]		0 D	
R ¾" [(BSPT), EN 10226/PT (JIS-T), JIS B 0203]		1 A	
R 1" [(BSPT), EN 10226/PT (JIS-T), JIS B 0203]		1 B	
R 1½" [(BSPT), EN 10226/PT (JIS-T), JIS B 0203]		1 D	
G ¾" [(BSPP), EN ISO 228-1/PF (JIS-P), JIS B 0202]		3 A	
G 1" [(BSPP), EN ISO 228-1/PF (JIS-P), JIS B 0202]		3 B	
G 1½" [(BSPP), EN ISO 228-1/PF (JIS-P), JIS B 0202]		3 D	
Welded flange, 316L stainless steel, raised face			
1" ASME, 150 lb		5 A	
1" ASME, 300 lb		5 B	
1" ASME, 600 lb		5 C	
1½" ASME, 150 lb		5 D	
1½" ASME, 300 lb		5 E	
1½" ASME, 600 lb		5 F	
2" ASME, 150 lb		5 G	
2" ASME, 300 lb		5 H	
2" ASME, 600 lb		5 J	
3" ASME, 150 lb		5 K	
3" ASME, 300 lb		5 L	
3" ASME, 600 lb		5 M	
4" ASME, 150 lb		5 N	
4" ASME, 300 lb		5 P	
4" ASME, 600 lb		5 Q	
Welded flange, 316L stainless steel, Type A flat faced			
DN 25, PN 16		6 A	
DN 25, PN 40		6 B	
DN 40, PN 16		6 C	
DN 40, PN 40		6 D	
DN 50, PN 16		6 E	
DN 50, PN 40		6 F	
DN 80, PN 16		6 G	
DN 80, PN 40		6 H	
DN 100, PN 16		6 J	
DN 100, PN 40		6 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			
Compact [threaded 120 mm (4.72 inch), Flanged 98 mm (3.86 inch)]		A	
Extended rod, 250 mm (9.84 inch)		B	
Extended rod, 350 mm (13.78 inch)		C	
Extended rod, 500 mm (19.69 inch)		D	
Extended rod, 750 mm (29.53 inch)		E	
Extended rod, 1 000 mm (39.37 inch)		F	
Extended rod, 1 250 mm (49.21 inch)		G	
Extended rod, 1 350 mm (53.15 inch)		H	
Extended rod, 1 500 mm (59.06 inch)		J	
Extended rod, 1 750 mm (68.90 inch)		K	
Extended rod, 2 000 mm (78.74 inch)		L	

Selection and Ordering data		Article No.	
Pointek CLS200 - Standard - Rod Version with Threaded or Flanged process connection		7ML5630-	
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.			
Add Order code Y01 and plain text: "Insertion length ... mm"			
Extended rod, 210 ... 1 000 mm (8.27 ... 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)		P	
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 ¹⁾²⁾		2	
With 5 m (197 inch) of cable ¹⁾²⁾		3	
Wetted seals			
FKM		0	
FFKM [for process temperatures above -20 °C (-4 °F)]		1	
Probe material			
316L stainless steel with PPS probe body		0	
316L stainless steel with PVDF probe body		1	
Approvals			
Dust Ignition Proof: CE, RCM, ATEX II 1/2 D T100 °C			C
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)			H
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			A
2 x M20 x 1.5 cable inlet IP65			B
2 x ½" NPT via adapter - cable inlet, IP68			C
2 x M20 x 1.5 cable inlet IP68			D
1) Barrier or Intrinsically Safe power supply required for Intrinsically Safe protection			
2) Available with approval options F, G, and H			
➤ 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		Order code	Selection and Ordering Data		Article No.
Further designs			Pointek CLS200 - Standard - Cable Version with Threaded or Flanged process connection		7ML5631-
Please add "-Z" to Article No. and specify Order code(s).			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
Total insertion length: enter the total insertion length in plain text description	◆ Y01		Click on the Article No. for the online configuration in the PIA Life Cycle Portal.		
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		Process connection		
Manufacturer's test certificate: M to DIN 55350, Part 18 and ISO 9000	◆ C11		<u>Threaded, 316L stainless steel</u>		
Inspection Certificate Type 3.1 per EN 10204	◆ C12		¾" NPT [(Taper), ANSI/ASME B1.20.1]		◆ 0 A
SIL/IEC 61508 Declaration of Conformity [SIL 2 (overspill)]	C20		1" NPT [(Taper), ANSI/ASME B1.20.1]		◆ 0 B
Operating Instructions			1¼" NPT [(Taper), ANSI/ASME B1.20.1]		◆ 0 C
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		1½" NPT [(Taper), ANSI/ASME B1.20.1]		◆ 0 D
Accessories			R ¾" [(BSPT), EN 10226/PT (JIS-T), JIS B 0203]		◆ 1 A
◆ We can offer shorter delivery times for configurations designated with the Quick Ship Symbol ◆. For details see page 9/5 in the appendix.			R 1" [(BSPT), EN 10226/PT (JIS-T), JIS B 0203]		◆ 1 B
			R 1½" [(BSPT), EN 10226/PT (JIS-T), JIS B 0203]		◆ 1 D
			G ¾" [(BSPP), EN ISO 228-1/PF (JIS-P), JIS B 0202]		◆ 3 A
			G 1" [(BSPP), EN ISO 228-1/PF (JIS-P), JIS B 0202]		◆ 3 B
			G 1½" [(BSPP), EN ISO 228-1/PF (JIS-P), JIS B 0202]		◆ 3 D
			<u>Welded flange, 316L stainless steel, raised face</u>		
			1" ASME, 150 lb		◆ 5 A
			1" ASME, 300 lb		5 B
			1" ASME, 600 lb		5 C
			1½" ASME, 150 lb		◆ 5 D
			1½" ASME, 300 lb		5 E
			1½" ASME, 600 lb		5 F
			2" ASME, 150 lb		◆ 5 G
			2" ASME, 300 lb		5 H
			2" ASME, 600 lb		5 J
			3" ASME, 150 lb		◆ 5 K
			3" ASME, 300 lb		5 L
			3" ASME, 600 lb		5 M
			4" ASME, 150 lb		◆ 5 N
			4" ASME, 300 lb		5 P
			4" ASME, 600 lb		5 Q
			<u>Welded flange, 316L stainless steel, Type A flat faced</u>		
			DN 25, PN 16		◆ 6 A
			DN 25, PN 40		6 B
			DN 40, PN 16		◆ 6 C
			DN 40, PN 40		6 D
			DN 50, PN 16		◆ 6 E
			DN 50, PN 40		6 F
			DN 80, PN 16		◆ 6 G
			DN 80, PN 40		6 H
			DN 100, PN 16		◆ 6 J
			DN 100, PN 40		6 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 can be determined by customer on assembly ¹⁾		◆ B
			Add Order code Y01 and plain text: "Insertion length ... mm"		
			Extended cable, 500 ... 5 000 mm (19.69 ... 196.85 inch)		◆ C
			Extended cable, 5 001 ... 10 000 mm (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
			Extended cable, 20 001 ... 25 000 mm (787.44 ... 984.25 inch)		◆ G
			Extended cable, 25 001 ... 30 000 mm (984.29 ... 1 181.1 inch)		◆ H

Selection and Ordering data		Article No.
Pointek CLS200 - Standard - Rod with Sanitary 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 PIA Life Cycle Portal.		7ML5632-0
Process connection Sanitary 316L stainless steel 1" sanitary fitting clamp 1½" sanitary fitting clamp 2" sanitary fitting clamp 2½" sanitary fitting clamp 3" sanitary fitting clamp (Notes: Sanitary connection dimensionally corresponds to the applicable ISO 2852 standard)		8 A 8 B 8 C 8 D 8 E
Probe length (length from process connection face) Note: No Y01 needed in Order code for standard lengths Compact, 98 mm (3.86 inch) Extended rod, 250 mm (9.84 inch) Extended rod, 350 mm (13.78 inch) Extended rod, 500 mm (19.69 inch) Extended rod, 750 mm (29.53 inch) Extended rod, 1 000 mm (39.37 inch) Extended rod, 1 250 mm (49.21 inch) Extended rod, 1 350 mm (53.15 inch) Extended rod, 1 500 mm (59.06 inch) Extended rod, 1 750 mm (68.90 inch) Extended rod, 2 000 mm (78.74 inch) Add Order code Y01 and plain text: "Insertion length ... mm" 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) 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) Extended rod, 5 001 ... 5 500 mm (196.89 ... 216.53 inch)		A B C D E F G H J K L M N P Q R S T
Thermal isolator Without thermal isolator With thermal isolator [for process connection temperatures over 85 °C (185 °F)]		0 1
Remote mount electronics and mounting bracket Remote mount electronics with 2 m (79 inch) of cable Remote mount electronics with 5 m (197 inch) of cable		2 3
Wetted seals FKM FFKM [for process temperatures above -20 °C (-4 °F)]		0 1
Probe material 316L stainless steel with PPS probe body 316L stainless steel with PVDF probe body		0 1

Selection and Ordering data		Article No.
Pointek CLS200 - Standard - Rod with Sanitary 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.		7ML5632-0
Approvals Dust Ignition Proof: CE, RCM, ATEX II 1/2 D T100 °C Flameproof Enclosure with IS Probe: CE, RCM, ATEX II 1 G EEx d[ia] IIC T6 ... T4, ATEX II 1/2 D T100 °C 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 Dust Ignition Proof with IS Probe: CSA/FM Class II, Div. 1, Groups E, F, G 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 II, Div. 1, Groups E, F, G CSA/FM Class III T4 General Purpose (CSA, FM) General Purpose (CE, RCM) General Purpose (CSA, FM, CE, RCM) with WHG approval		C D E F G H J 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

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 Stainless steel tag [69 x 50 mm (2.71 x 1.97 inch)]: Measuring-point number/identification (max. 27 characters) specify in plain text Manufacturer's test certificate: M to DIN 55350, Part 18 and ISO 9000 Inspection Certificate Type 3.1 per EN 10204 SIL/IEC 61508 Declaration of Conformity [SIL 2 (overspill)]	Y01 Y15 C11 C12 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.	
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.			
➤ Click on the Article No. for the online configuration in the PIA Life Cycle Portal.			
Process connection			
Threaded, 316L stainless steel			
¾" NPT [(Taper), ANSI/ASME B1.20.1]	➤	0 A	
1" NPT [(Taper), ANSI/ASME B1.20.1]	➤	0 B	
1¼" NPT [(Taper), ANSI/ASME B1.20.1]	➤	0 C	
1½" NPT [(Taper), ANSI/ASME B1.20.1]	➤	0 D	
R ¾" [(BSPT), EN 10226/PT (JIS-T), JIS B 0203]	➤	1 A	
R 1" [(BSPT), EN 10226/PT (JIS-T), JIS B 0203]	➤	1 B	
R 1½" [(BSPT), EN 10226/PT (JIS-T), JIS B 0203]	➤	1 D	
G ¾" [(BSPP), EN ISO 228-1/PF (JIS-P), JIS B 0202]	➤	3 A	
G 1" [(BSPP), EN ISO 228-1/PF (JIS-P), JIS B 0202]	➤	3 B	
G 1½" [(BSPP), EN ISO 228-1/PF (JIS-P), JIS B 0202]	➤	3 D	
Probe length (length from flange face) (threaded lengths include process thread)			
<u>Note: No Y01 needed in Order code for standard lengths</u>			
Extended rod, 350 mm (13.78 inch)	➤	C	
Extended rod, 500 mm (19.69 inch)	➤	D	
Extended rod, 750 mm (29.53 inch)	➤	E	
Extended rod, 1 000 mm (39.37 inch)	➤	F	
Extended rod, 1 250 mm (49.21 inch)	➤	G	
Extended rod, 1 350 mm (53.15 inch)	➤	H	
Extended rod, 1 500 mm (59.06 inch)	➤	J	
Extended rod, 1 750 mm (68.90 inch)	➤	K	
Extended rod, 2 000 mm (78.74 inch)	➤	L	
<u>Add Order code Y01 and plain text:</u> <u>"Insertion length ... mm"</u>			
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)	➤	P	
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 ¹⁾	➤	2	
With 5 m (197 inch) of cable ¹⁾	➤	3	
Wetted seals			
FKM and PTFE	➤	0	
FFKM and PTFE [for process temperatures above -20 °C (-4 °F)]	➤	1	
Probe material			
316L stainless steel with PPS probe body	➤	0	
316L stainless steel with PVDF probe body	➤	1	

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.			
Approvals			
Dust Ignition Proof: CE, RCM, ATEX II 1/2 D T100 °C	➤		C
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)	➤		H
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	➤		A
2 x M20 x 1.5 cable inlet, IP65	➤		B
2 x ½" NPT via adapter - cable inlet, IP68	➤		C
2 x M20 x 1.5 cable inlet, IP68	➤		D
1) Available with Approvals options F ... H			
➤ 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	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.	
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 configuration in the PIA Life Cycle Portal.			
Process connection			
<u>Welded flange, 316L stainless steel, raised face</u>			
1" ASME, 150 lb	5 A		
1" ASME, 300 lb	5 B		
1" ASME, 600 lb	5 C		
1½" ASME, 150 lb	5 D		
1½" ASME, 300 lb	5 E		
1½" ASME, 600 lb	5 F		
2" ASME, 150 lb	5 G		
2" ASME, 300 lb	5 H		
2" ASME, 600 lb	5 J		
3" ASME, 150 lb	5 K		
3" ASME, 300 lb	5 L		
3" ASME, 600 lb	5 M		
4" ASME, 150 lb	5 N		
4" ASME, 300 lb	5 P		
4" ASME, 600 lb	5 Q		
<u>Welded flange, 316L stainless steel, Type A flat faced</u>			
DN 25, PN 16	6 A		
DN 25, PN 40	6 B		
DN 40, PN 16	6 C		
DN 40, PN 40	6 D		
DN 50, PN 16	6 E		
DN 50, PN 40	6 F		
DN 80, PN 16	6 G		
DN 80, PN 40	6 H		
DN 100, PN 16	6 J		
DN 100, PN 40	6 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			
Compact, 98 mm (3.86 inch)	A		
Extended rod, 250 mm (9.84 inch)	B		
Extended rod, 350 mm (13.78 inch)	C		
Extended rod, 500 mm (19.69 inch)	D		
Extended rod, 750 mm (29.53 inch)	E		
Extended rod, 1 000 mm (39.37 inch)	F		
Extended rod, 1 250 mm (49.21 inch)	G		
Extended rod, 1 350 mm (53.15 inch)	H		
Extended rod, 1 500 mm (59.06 inch)	J		
Extended rod, 1 750 mm (68.90 inch)	K		
Extended rod, 2 000 mm (78.74 inch)	L		
Add Order code Y01 and plain text: "Insertion length ... mm"			
Extended rod, 200 ... 1 000 mm (7.87 ... 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)	P		
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		

Selection and Ordering data		Article No.	
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.			
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		2	
With 5 m (197 inch) of cable		3	
Wetted seals			
FKM		0	
FFKM [for process temperatures above -20 °C (-4 °F)]		1	
Probe material			
PFA Coated 316L stainless steel with PPS probe body			0
PFA Coated 316L stainless steel with PVDF probe body			1
Approvals			
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)			H
Enclosure and lid			
Aluminum epoxy coated			
2 x ½" NPT via adapter - cable inlet, IP65			A
2 x M20 x 1.5 cable inlet, IP65			B
2 x ½" NPT via adapter - cable inlet, IP68			C
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	

Selection and Ordering data	Article No.
<i>Operating Instructions - Standard</i> 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.	
<i>Operating Instructions - Digital</i> 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.	
<i>Accessories</i> SensGuard, ¾" NPT (PPS) Only available for CLS200 with ¾" 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 <u>General Purpose</u> 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, -40 ... -100 °C (-40 ... -212 °F), cable size 7 ... 12 mm (0.275 ... 0.472 inch) 7ML1830-1JC <u>Hazardous Locations</u> 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.	
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