

Selection and Ordering data	Article No.
<b>Pointek CLS100, stainless steel process connection</b> Compact 2-wire inverse frequency shift capacitance switch for level and material detection in constricted spaces, interfaces, solids, liquids, slurries and foam, with the ability to tune out buildup on probe. <a href="#">Click on the Article No. for the online configuration in the PIA Life Cycle Portal.</a>	<b>7ML5501-0</b>
<b>Process connection</b> ¾" NPT [(Taper), ANSI/ASME B1.20.1] <input checked="" type="checkbox"/> <b>A</b> R 1" [(BSPT), EN 10226/PT (JIS-T), JIS B 0203] <input checked="" type="checkbox"/> <b>E</b> G 1" [(BSPP), EN ISO 228-1/PF (JIS-P), JIS B 0202] <input checked="" type="checkbox"/> <b>J</b>	
<b>Approvals</b> General Purpose: CE, CSA, FM, RCM <input checked="" type="checkbox"/> <b>A</b> CSA/FM Class I, II, and III, Div. 1, Groups A, B, C, D, E, F, G T4; ATEX II 1 GD 1/2GD EEx ia IIC T4 ... T6 T107 °C <sup>1)</sup> <input checked="" type="checkbox"/> <b>C</b> CSA/FM Class II and III, Div. 1, Groups E, F, G <sup>1)</sup> <input checked="" type="checkbox"/> <b>G</b>	
<b>Device version</b> Integral cable version (PPS probe) <input checked="" type="checkbox"/> <b>1</b> Enclosure version (PPS probe), ½" NPT cable inlet <input checked="" type="checkbox"/> <b>3</b> Integral cable version with PVDF probe body <input checked="" type="checkbox"/> <b>5</b> Enclosure version with PVDF probe body (½" NPT cable inlet) <input checked="" type="checkbox"/> <b>6</b> Enclosure version (PPS probe), M20 x 1.5 cable inlet <input checked="" type="checkbox"/> <b>7</b> Enclosure version with PVDF probe body, M20 x 1.5 cable inlet <input checked="" type="checkbox"/> <b>8</b>	
<b>Overfill protection</b> Not required <input checked="" type="checkbox"/> <b>0</b> Required (WHG) <input checked="" type="checkbox"/> <b>1</b>	

<sup>1)</sup> Barrier or Intrinsically Safe power supply required for Intrinsically Safe protection

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
<b>Further designs</b>	
Please add <b>"-Z"</b> to Article No. and specify Order code(s).	
Acrylic coated, stainless steel tag [13 x 45 mm (0.5 x 1.75 inch)]: Measuring-point number/identification (max. 20 characters) specify in plain text <input checked="" type="checkbox"/>	<b>Y17</b>
FFKM seal O-ring <sup>1)</sup> <input checked="" type="checkbox"/>	<b>A22</b>
Inspection Certificate Type 3.1 per EN 10204 <input checked="" type="checkbox"/>	<b>C12</b>
<b>Operating Instructions</b>	Article No.
Quick start manual, multi-language	<b>A5E32146158</b>
Note: due to ATEX regulations one Quick start manual is included with every product.	
All literature is available to download for free, in a range of languages, at <a href="http://www.siemens.com/processinstrumentation/documentation">http://www.siemens.com/processinstrumentation/documentation</a>	
This device is shipped with the Siemens Level and Weighing manual DVD containing ATEX Quick Starts and Operating Instructions.	

<sup>1)</sup> See Temperature restriction on page 4/15

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<b>Accessories</b> SensGuard, ¾" NPT (PPS) Only available for CLS100 with ¾" NPT thread <b>7ML1830-1DL</b> SensGuard, R 1" (BSPT) (PPS) Only available for CLS100 with ¾" NPT thread <b>7ML1830-1DM</b> Tag, stainless steel, 12 x 45 mm (0.47 x 1.77 inch), one text line, suitable for enclosures <b>7ML1930-1AC</b> Siemens Intrinsically Safe Barrier (DC powered), ATEX II 1 G EEx ia <b>7NG4124-0AA00</b> ½" NPT cable gland, nickel plated brass, fits cable diameter 6 ... 12 mm (0.24 ... 0.47 inch) -40 ... +100 °C (-40 ... +212 °F), IP68 (General Purpose) <b>7ML1830-1JA</b> M20 x 1.5 cable gland, PA polyamide, ATEX II 2G EEx e II, fits cable diameter 7 ... 12 mm (0.28 ... 0.47 inch), -20 ... +70 °C (-4 ... +158 °F), IP68 (General Purpose) <b>7ML1830-1JC</b>	

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<b>Process connection (PPS)</b> ¾" NPT [(Taper), ANSI/ASME B1.20.1] (PPS probe body) <input checked="" type="checkbox"/> <b>A</b> R 1" [(BSPT), EN 10226/PT (JIS-T), JIS B 0203] (PPS probe body) <input checked="" type="checkbox"/> <b>B</b>	
<b>Approvals</b> General Purpose: CSA, FM <input checked="" type="checkbox"/> <b>D</b>	
<b>Versions/Options</b> Enclosure version, PPS process connection, ½" NPT cable inlet <input checked="" type="checkbox"/> <b>1</b> Enclosure version, PPS process connection, M20 x 1.5 <input checked="" type="checkbox"/> <b>2</b>	
<b>Overfill protection</b> Not required <input checked="" type="checkbox"/> <b>0</b> Required <input checked="" type="checkbox"/> <b>1</b>	

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