# 7ML5501-0AA30

Industrial automation components

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| **Manufacturer** | Siemens |
| **Catalog number** | 7ml5501-0aa30 |
| **Category** | Industrial automation components |
| **Product type** | Industrial automation components |
| **Status** | Active product |

## Technical specification

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| **Product Type** | Capacitance Level Switch |
| **Process Connection** | ¾" NPT (Taper) |
| **Temperature Range** | -30 to +100 °C (-22 to +212 °F) |
| **Approvals** | CE, CSA, FM, RCM |
| **Insertion Depth** | 100 mm (4 inches) |

## Description

The Siemens Pointek CLS100 (Part Number: 7ML5501-0AA30) is a compact 2-wire capacitance level switch designed for precise level detection in various applications, including liquids, solids, slurries, and foam.

Its stainless steel process connection ensures durability and reliability in demanding environments. With a 100 mm (4-inch) insertion depth, the CLS100 offers adaptable sensitivity, effectively tuning out build-up on the probe to maintain accurate measurements over time.

The device features a ¾" NPT (Taper) process connection, compliant with ANSI/ASME B1.20.1 standards, facilitating straightforward installation. It operates within a temperature range of -30 to +100 °C (-22 to +212 °F), accommodating a wide array of industrial conditions.

The CLS100 is equipped with approvals for general use, including CE, CSA, FM, and RCM certifications, ensuring compliance with international safety and quality standards. This level switch is ideal for applications in industries such as chemical processing, food and beverage, pharmaceuticals, and hazardous areas, where reliable and precise level detection is crucial.

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