



CM-330 Conductivity Controller

Specification : 48x96x100mm

Product function

1. Performance features

This instrument is a panel instrument for on-line monitoring of industrial process conductivity. Range switch over and constant check can both be freely set and adjusted through the operation component on the rear panel; unique signal collecting and processing technology and special thick film circuit are adopted to make measurement accurate and operation stable; there are also other features such as linearized data, automatic temperature compensation, not subject to the length change of cable and maintenance-free. It has control function, including setting of over limit of conductivity, and the outputs are control contacts. It's an ideal auxiliary instrument of various types of small pure water equipment.

2. Main technical specifications

Measurement range	0~20, 0~200, 0~2000 ($\mu\text{S}/\text{cm}$) optional
Accuracy	1.5% (FS)
Stability	$\pm 2 \times 10^{-3}$ (FS) / 24h
Display mode	Back light 3.5 LCD digital display
Auxiliary electrode	1.0cm^{-1} plastic electrode
Thread dimension	1/2" pipe thread
Control output mode	single relay contact (normally open)
Contact capacity	5A/250V AC (with resistive load)
Environment conditions	Temperature: 0~50°C Relative humidity: $\leq 85\%$
Temperature compensation	Automatic compensation, with 25°C as the reference temperature
Power supply	AC 220V $\pm 10\%$ 50Hz
Cable composition	RVP+coaxial 75-2 double shielding
Operation pressure of conductance cell	0~0.5MPa
Cable length	5m or on other agreement
Dimensions	48 x 96 x 100mm (height x width x depth)
Slot dimensions for installation	45 x 91mm (height x width)