

CDM9 CONDUCTIVITY INDICATOR CONTROLLER

- Competitively priced
- IP66 surface & panel mounting options
- Ideal for use in small water treatment systems
- 3 user selectable ranges
- Digital set point adjustment
- Single changeover relay



The CDM9 Conductivity indicator controller is available as either a panel or surface mounting version in an IP66 enclosure with a 3½ digit liquid crystal display.

The CDM9 provides a single pole change over relay to operate a solenoid valve, dosing pump or visual or audible alarm.

The relay can be set to energise on either a rising or falling conductivity reading enabling the CDM9 to be used for a variety of water treatment applications.

A LED on the front panel indicates when the relay is energised.

The CDM9 has a new style of digital set point adjustment using the front panel membrane switch.

The CDM9 also includes the option of manual temperature compensation feature.

CDM9 Conductivity Indicator Controller

SPECIFICATION

Ranges of measurement	0 - 19.99 uS/cm, 0 - 199.9 uS/cm, 0 - 1999 uS/cm.
Conductivity Accuracy	2% of reading \pm 2 digits.
Linearity	1% of range.
Repeatability	1% of range.
Ambient Temperature	-20°C to +50°C for full specification
Temperature Variation	\pm 0.02% of range / °C (typical)
Temperature compensation slope	Fixed 2% / °C over 0 - 100°C.
Temperature compensation point	Selectable by potentiometer 0 - 100°C..
Temperature compensation base	Fixed at 25°C.
Display	3½ digit back-lit LCD, 20mm character height.
Control relay	Adjustable setpoint with volt free contact 5A 250V AC max. Hysteresis 1% fsd. A red LED indicates relay is energised.
EMC: Immunity	BS EN 50082-2: 1995.
EMC: Emissions	BS EN 50081-1: 1994.
LVD: Safety Standard	BS EN 61010-1: 1993.
Power Supply	110V or 230V AC, 50/60 Hz, user selectable, 3W max.
Panel-mount housing	Conductive ABS plastic in grey.
Panel-mount weight	less than 800 grams (controller only).
Panel-mount environmental	IP66 to the front when correctly mounted in the panel.
Panel-mount dimensions	96 x 96 x 140mm (H, W, D) including connectors (Panel cut out 92 x 92mm).
Wall-mount housing	Conductive ABS plastic in blue.
Wall-mount weight	Less than 800 grams (controller only).
Wall-mount housing	IP66 in all directions.
Wall-mount housing	160 x 130 x 65mm (W, H, D) excluding wall brackets

Order Codes

Part No	Description
1208	CDM9P IP66 Panel mounting conductivity indicator/controller with single relay output
1209	CDM9S IP66 Surface mounting conductivity indicator/controller with single relay output.



These products comply with current European Directives

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