

# Conductivity Indicating Controller

**Model: MSCD 912**



*Conductivity indicator controller Transmitter weatherproof*

MicroSet Series MSCD -912 is Conductivity Indicator specially designed for various industrial applications. These can be used for monitoring Conductivity of a solution. The measuring range and control points are settable through the keypad on front fascia and control output is available at the rear terminals.

Retransmission output, communication port are additive features of MSCD -912.

## Technical Specifications:-

Type of Input	: From Conductivity Electrode
Cell Constant	: 1 / 0.1 / 0.01
Display	: 2 x 16 Characters Backlit
Calibration Range	: 0 to 100 $\mu$ S/cm for cell constant 0.01 0 to 1000 $\mu$ S/cm for cell constant 0.1 0 to 10000 $\mu$ S/cm for cell constant 1
Accuracy	: Better than + 0.25% F. S.
Power Supply	: 1) 24 V DC, External 2) 90 - 250 V AC, 50 Hz +/- 10%
Power Consumption	: < 10 VA
Temperature Drift	: < 0.01% of F. S. per $^{\circ}$ C change
Response Time	: < 500 mSec
Isolation	: 1.4 KV between Input, Output & Power Supply
Enclosure	: 1) DIN Std. 2) Weather-proof, IP-65 3) Flame-proof, IP -65, IIA, IIB CMRI Certified
Mounting	: WP enclosure Field Mounted
Weight	: 1.5 kg (Approx.)
Operating Conditions	: Temperature 0 to 55 $^{\circ}$ C / Humidity 5 to 95% non condensing
Retransmission Output	: 4 to 20 mA Isolated
Temp Compensation	: Pt -100
Alarm	: 02 Nos.