

Conductivity meter(CT-650)

Salient features:

- User friendly.
- Universal enclosure for sensor/field as well as panel mount duty.
- Easy calibration using front keys and automatic change of display resolution based on value of conductivity/TDS.

Description:

CT-650 is Conductivity meter designed for various industrial applications. This can be used for monitoring Conductivity/TDS. The control points are settable through keypad on front face and relay output is available at rear terminals (in case of Field mounted instrument through glands). Comes with temperature compensation (which can be Automatic optionally).



TECHNICAL SPECIFICATIONS:

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|----------------------------|---|--|
| 1. Physical dimensions | : | 105 X 105 X 120 mm
92 mm X 92mm (panel cut out) |
| 2. Enclosure | : | ABS Weather proof/IP 65 |
| 3. Mounting | : | Field/Panel |
| 4. Parameter sampling rate | : | < 2 seconds |
| 5. Resolution | : | 0.01 |
| 6. Accuracy | : | ±2% of FSD |
| 7. Alarms/Control relays | : | 1 no 5 A @ 230 VAC(Programable through entire range) |
| 8. Display | : | 4 Digit 7 SEGMENT LED |
| 9. Calibration/Set point | : | Using front panel keypad. |

Sensor:

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|--------------------------|---|--|
| 1.MOC | : | SS316/ABS |
| 2.End connections | : | ½" & 3/4" BSPM |
| 3. Cell constant(K) | : | 0.01/0.1/1.0 |
| 4.Cable | : | 2 core shielded 3 meter length.(4 core in case of ATC) |
| 5.Max.operating pressure | : | 5 kg/cm ² |

CODIFICATION OF CT-650

CODE SUPPLY VOLTAGE

- 0 : 24 V DC
- 1 : 110 VAC
- 2 : 230 VAC

CODE RANGE

- 1 : 00.05 to 5.000 µS/cm (K=0.01)
- 2 : 0002 to 1999 µS/cm (K=0.1)
- 3 : 0100 to 9999 µS/cm (K=1.0)
- 4 : 00.50 to 19.99 µS/cm (K=0.01)
- 5 : 0001 to 200.0 mS/cm (K=1.0)*
- 6 : 0100 to 1999 X 10 (1000 to 19990) µS/cm (K=1.0)

CODE END CONNECTION

- P : Plastic threaded BSPM
- S : SS Trichlover(with 50 mm OD)

CODE CABLE LENGTH

- 3 : 3 meter
- 5 : 5 meter

CODE TEMPERATURE COMPENSATION

- A : Automatic(0-100°C)
- M : Manual(0-60°C)

CODE TYPE OF OUTPUT

- N : Only relay output(P,NO,NC)
- C : 4-20 mA current
- R : RS 485 output

CT-650	2	2	P	3	M	N	SAMPLE ORDERING CODE
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* For High Conductivity application

Accessories available (Optional)

Canopy

