



CT/TDS - TX - 22

CONDUCTIVITY TRANSMITTER

Features

- Cell With Transmitter
- System Accuracy 2% F. S.
- Available with 10/1/0.1/0.01 Cell Constants
- Temperature Compensation through PT 100 sensor
- Measure Conductivity and Total Dissolved Solids in water

Description

Electronet series CT / TDS TX 22 are Conductivity Transmitter designed for fast, easy and trouble free start up. These are ideal for measuring the concentration of dissolved solids in water. They are provided with an accurate pre-determined factory calibration constants. Rugged design and corrosion resistant material keep electrode spacing and surface area constant so cell constant remain stable for long period. Durability of material and high resistance to corrosion ensures the long life and require low maintenance.



Technical Specifications

Cell Constant	10/1 / 0.1 / 0.01
Measuring Range	1) 0 to 100 µS/cm for cell constant 0.01 2) 0 to 1000 µS/cm for cell constant 0.1 3) 0 to 10000 µS/cm for cell constant 1 4) 0 to 100000 µS/cm for cell constant 10
Accuracy	+/- 2% F. S.
Response Time	<10 mSec for 10 to 90% output change
Output	4 to 20 mA
Output Load	Max 600 Ω
Power Supply	24V DC, External
Safe Operating Voltage	36V DC
Temperature Range	0 to 150 °C
Maximum Pressure	10 kg/cm ²
Material of Construction	SS 316, Hastelloy C
Process Connection	1) ¾" NPT Threaded 2) 1" ASA 150 Flanged 3) 1" Tri-clover
Insertion Length	1) 50 mm for cell constant 0.01 2) 27.5 mm for cell constant 0.1 3) 28 mm for cell constant 1
Mounting	Insertion (Screw-in)
Weight	0.5 kg
Certification	CE

Ordering Information

Sample Order Code : 66N-80B

Parameter	Code	Value	Parameter	Code	Value
66 Process Connection	66M	¾" NPT Threaded	80 Cell Constant	80A	0.01
	66N	1" ASA 150 Flanged		80B	0.1
	66O	1" Tri Clover		80C	1
	66X	Other		80D	10

ELECTRONET EQUIPMENTS PVT. LTD.

Factory Address:

Plot No. 8, (SEZ) Phase 1, Kesurdi MIDC,
Khandala, Dist.- Satara
Pin: 412 801, Maharashtra, India.

Registered Office:

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