



CT/TDS - TX - 22

CONDUCTIVITY TRANSMITTER

Features

- Cell With Transmitter
- Available with 1/0.1/0.01 Cell Constants
- Temperature Compensation through PT 100 sensor
- System Accuracy 2% F. S.
- 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	1 / 0.1 / 0.01
Measuring Range	1) 0 to 100 μ S/cm for cell constant 0.01 2) 0 to 1000 μ S/cm for cell constant 0.1 3) 0 to 10000 μ S/cm for cell constant 1
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 $^{\circ}$ C
Maximum Pressure	10 kg/cm ²
Material of Construction	SS 316
Process Connection	1) 3/4" 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

Ordering Information

Ordering Information			66	80	Ordering Information		
Parameter	Code	Value			Parameter	Code	Value
66 Process Connection	66M	3/4" NPT Threaded			80 Cell Constant	80A	0.01
	66N	1" ASA 150 Flanged				80B	0.1
	66O	1" Tri Clover				80C	1
	66X	Other					

ELECTRONET EQUIPMENTS PVT. LTD.

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