

DO - TX - 22

DISSOLVED OXYGEN TRANSMITTER

Features

- Suitable for normal drinking / raw water
- Electrode with transmitter
- Communication Output : RS485 (MODBUS RTU)
- Designed for Flow Through Online Applications
- Dissolved Oxygen Measurement
- Output : 4 to 20 mA
- Compact Design
- Built in Temperature Compensation



Description

Electronet series DO TX 22 transmitter is designed for use in general purpose water applications. They are provided with accurate predetermined factory calibrated sensors. Rugged design and corrosive resistant material keep electrode spacing and surface area too long last. Durability of the material and high resistance to corrosion ensures the long life and requires low maintenance.

Technical Specifications

Measuring Range	0 to 20.9 PPM
Response Time	<10 mSec for 10 to 90% output change
Output	4 to 20 mA
Output Load	Max 600 Ω
Power Supply	24V DC (+/- 10%), 24V DC Two Wire Loop Powered
Safe Operating Voltage	36VDC
Process Temperature Range	0 to 80°C
Ambient Conditions	0 to 55°C
Electrical Connection	DIN Standard Pluggable Connector
Sensor Cable Length	4 Meters
Temperature Compensation	RTD PT-100
Electronic Protection Class	Weather Proof IP-67
Max Operating Pressure	1 bar
Shelf Life	2 Years
Life Time	2 Years under normal usage
Certification	CE

Ordering Information

Sample Order Code : A1 E2 F2 I1 K1 M2 N1 O2

Parameter	Code	Description	Parameter	Code	Description
A	A1	Panel Mounting 96mm x 96mm	K	K1	4 to 20 mA
	A2	Field Mounting (2" Pipe Mount)		KX	NA
E	E2	24 V DC (+/-10%)	M	M1	1 Relay Output
	E5	24V DC Two Wire Loop Powered		M2	2 Relay Outputs
				MX	NA
I	I1	RTD PT-100	N	N1	RS485 (MODBUS RTU)
	IY	Other		NX	NA
	IX	NA			
			O	O1	3/4" BSP Threaded
				O2	3/4" NPT Threaded
				O3	1" ASA 150 Flanged
				O4	1" Tri Clover

Note :

- Due to our continuous product revisions, design specification and model numbers are subject to change without notice.
- Accuracy defined at Lab Conditions.
- For other requirement please consult factory.

ELECTRONET EQUIPMENTS PVT. LTD.

Factory Address:

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

Registered Office:

Plot No. 84, 85, 86, Tiny Industrial Estate,
Kondhwa Budruk,
Pune-411 048, Maharashtra, India.



+91-20-26931476/2039



ho@eeplindia.com



+91-20-26934122



www.eeplindia.com