

# pH/ORP -TX - 22

## pH/ORP TRANSMITTER

### Features

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



### Description

**E**lectronet series PH-TX22 are PH / ORP transmitters used for various industrial applications. It can accept input from pH / ORP electrode & pH / ORP signal is transmitted in the form of an electrical 4 – 20 mA signal. The on-line pH / ORP indication is provided through LCD. Span / Zero adjustments are easily accessible. These transmitters are suitable for any make of electrode

### Technical Specifications

Measuring Range	pH : 0 to 14 pH, ORP : -2000 mV to + 2000 mV
Response Time @ 25°C (77°F)	95% of reading in 10 seconds
Output	4 to 20 mA / RS485
Output Load	Max 600 Ω
Power Supply	24V DC (+/- 10%), 24V DC Two Wire Loop Powered
Process Temperature Range	0 to 80°C
Ambient Conditions	0 to 55°C
Pressure Range	0 to 6.9 bar (0 to 100 psi)
Electrical Connection	DIN Standard Pluggable Connector
Sensor Cable Length	4 Meters
Temperature Compensation	RTD PT-100
Electronic Protection Class	Weather Proof IP-67
MOC Electronics Enclosure	Die Cast Aluminium PU Painted
Mounting	Insertion type
Certification	CE

Ordering Information

Sample Order Code : A1 B1 E2 I1 K1 M2 N1

Parameter	Code	Description	Parameter	Code	Description
A	A1	Panel Mounting 96mm x 96mm	I	I1	RTD PT-100
	A2	Field Mounting (2" Pipe Mount)		IY	Other
B	B1	pH		IX	NA
	B2	ORP	K	K1	4 to 20 mA
E	E2	24 V DC (+/-10%)		KX	NA
	E5	24V DC Two Wire Loop Powered	M	M1	1 Relay Output
<p>Note :</p> <ul style="list-style-type: none"> <li>Due to our continuous product revisions, design specification and model numbers are subject to change without notice.</li> <li>Accuracy defined at Lab Conditions.</li> <li>For other requirement please consult factory.</li> </ul>				M2	2 Relay Outputs
				MX	NA
			N	N1	RS485 (MODBUS RTU)

**ELECTRONET EQUIPMENTS PVT. LTD.**

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