pH Indicating Controller Transmitter Flameproof
MS pH 97 FLP



FEATURE

- Advanced Embedded Microcontroller Based Design
- Touch Keys
- Can be connected to pH or ORP
- Multivariable Display for Process Value, Relay Status, Temperature & 4 to 20 mA output
- Easy Front Key Calibration
- Auto / Manual Temperature Compensation
- Set Point – 4 Nos
- 3.2-inch LCD display
- 4 to 20 mA DC Isolated Output for pH or ORP
- Password can be Set
- Flameproof, Weatherproof IP 66 Protection

SPECIFICATION

pH Range	: 0 - 14 pH
ORP Range	: ± 2000 mV
Temperature Range	: -10 to 150°C
pH Resolution	: 0.01 pH
ORP Resolution	: 1 mV
Temperature Resolution	: 0.1°C
pH Accuracy	: 0.1% FS or ± 0.01pH
ORP Accuracy	: ± 2 mV
Stability	: 0.05% of measuring range every 24 hours without accumulation pH
Repeatability	: Better than 0.1% of measuring range
Display	: 128 x 64, 3.2-inch graphic dot matrix LCD
Set Point	: 4 Nos
Calibration	: pH - 3 Point, ORP - 2 Point
Output	: Two SPST relays, Load 3A/250VAC, set high/low alarm, temp or clean control
Retransmission Output	: Isolated 4-20 mA DC for pH/ORP Max. load 1000 Ohm.
Temp Compensation	: Auto (PT-100), Manual (Adjustable 0 to 150°C)
Power Supply	: 100 to 240V 50/60Hz
Protection	: Weatherproof IP 66
Work Temperature	: 0 to 60°C, RH<95%, non-condensing
Storage Temperature	: -20 to 70°C, RH<55%,non-condensing
Electrical Interface	: ¾” ET
MOC of Enclosure	: Aluminium Die Cast

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Protection	: Flameproof Ex d IIb T6 Gb IP 66 (Ex tb/tc IIIB T85 C Db/Dc) -CMRI Certified
Mounting	: Field / Wall Mounted
Power Consumption	: 3W





APPLICATION

Water Treatment Plant (WTP)	Wastewater Treatment Plant (WWTP)
Effluent Treatment Plant (ETP)	Sewage Treatment Plant (STP)
RO Water Plant	Power Plant
Hydroponics	Chemical Industry
Textile Industry	Paper & Pulp
Beverages / Food Industry	Pharma Industry
Scrubber Application	Pigment Industry
Steel Industry	Aqua Culture

Note : Due to continuous improvement in product specifications & looks may vary

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