Online TDS Controller

SKU: AOCTDS01(TDS) | Range: 0 - 10000 PPM & 0 - 100Ms/Cm

TDS is the primary controlling parameters for any process used in a wide variety of industries ranging from water chemical pharmaceutical food processing etc. Our online controllers are used to monitors these process parameters continuously and helps to take corrective action with its relay and current outputs. These reliable accurate and robust meters are designed with a compact housing which fits in standard industry panel. Also these meters can be easily calibrated and can display multiple parameters at the same time.



KEY PRODUCT FEATURES

- Microprocessor based for fast and accurate measurements.
- Weatherproof Case and Compact Design (IP 54)
- Programmable Relay 4 to 20mA Outputs with user-defined Hysteresis
- Programmable High and Low Alarm functions
- 1/4 DIN Fitting on the Standard Industry Panel
- Galvanic separation between Input Output & Supply
- Auto Buffer Adjustment with Automatic Temperature Compensation
- Large Backlight LCD Display

TECHNICAL SPECIFICATIONS

Model
AOCTDS01(TDS)
TDS Range
0 to 10000 PPM
TDS Accuracy
1%
TDS Resolution
1 PPM
Conductivity Range
0 to 10000 µS/cm
Conductivity Accuracy
1%
Conductivity Resolution
1 µS/cm
Temp Range
0 to 90 Deg C
Temp Accuracy
± 0.2
Temp Resolution
0.1 Deg C
ATC
Yes (0 to 100 Deg C)
Relay Output
2 Programmable Relay Outputs (Max: 250V/10A). For direct Valve/Pump Operation for Low and High-Level Cutoff

Current Output
4 to 20 mA Isolated DC Output (Max Load: 750 Ω). Analog Output for Communication with Control System.
Power Supply
220 VAC @ 50 Hz (Stabilized)
Dimensions
Size: 96 × 96 × 110 mm, Mounting Details: 1/4 DIN Panel Mount (Cut out Size : 92 x 92 mm)(Depth: 110 mm)
Weight
Meter + Electrode 750g
Sensor*
(By Default)
Model: Conductivity / TDS Industrial Electrode, Code: AMECNIGP, Qty: 1. Cell Constant K=1
Specs: Process Connection: 3/4", Temp I/P: PT 100, Material: Glass Sensor with PVC Housing.
Dimensions: 28 x 165 mm, Length: 5M, Temperature Range: Upto 90 DegC
*Note: Sensor model depends on system requirements. Confirm for suitable sensor model with the sales team before ordering.