

# Conductivity Sensor

## MS TDS 111



### FEATURE

- Measure concentration of dissolved solids in water
- Accuracy @ 2% FS
- Available with 1 / 0.1 / 0.01 cell constants
- Temperature compensation through Pt 100 sensor
- Flow through assembly in SS 316

### INTRODUCTION

MicroSet's TDS Sensors are designed for fast, easy & 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 & corrosion resistant material keep electrode spacing & surface area constant so cell constant remain stable for long period. Durability of material & high resistance to corrosion ensures the long life & require low maintenance.

### SPECIFICATION

Cell Constant	: 1 / 0.1 / 0.01
Range	: 0 to 50 ppm for cell constant 0.01 0 to 500 ppm for cell constant 0.1 0 to 5000 ppm for cell constant 1
Accuracy	: $\pm 2\%$ FS
Temperature Range	: 0 to 150°C
Maximum Pressure	: 10 kg/cm <sup>2</sup>
Material of Construction	: SS 316
Process Connections	: 1) ¾" 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)
Standard Cable Length	: 5 mtr.
Weight	: 0.5 kg