Industrial Conductivity Sensor – High Temperature

MS CD 999



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 (Optional Hastelloy C)

INTRODUCTION

MicroSet's Conductivity 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 constant. Rugged design & corrosion resistant material keep electrode spacing & surface area constant. So cell constant remains stable for long period. Durability of material & high resistance to corrosion ensures the long life & require low maintenance.

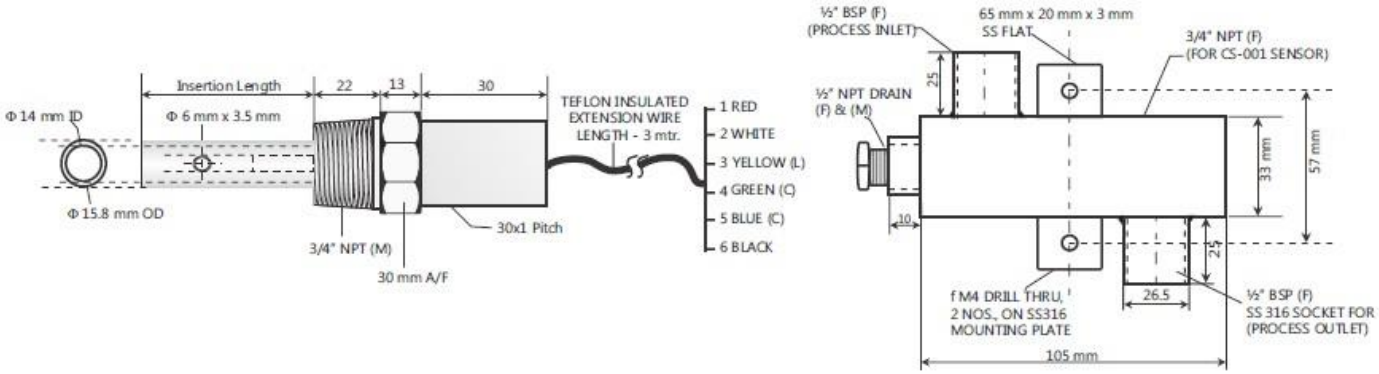
TECHNICAL SPECIFICATION

Application	: CIP, SIP, WFI and other chemicals
Cell Constant K	: 1 / 0.1 / 0.01 (Specify)
Range	: 0 to 100 µS/cm for cell constant 0.01 0 to 1000 µS/cm for cell constant 0.1 0 to 10000 µS/cm for cell constant 1
Accuracy	: ± 2% FS
Temperature Compensation	: Pt 100 Class A
Temperature Range	: 0 to 150°C
Maximum Pressure	: 10 kg/cm2
Material of Construction	: SS 316 (Optional Hastelloy C)
Insulator	: PTFE (TEFLON)
Process Connections	: ¾" NPT Threaded at Front end & Cable end (1" Tri-clover Optional)
Insertion Length	: 50 mm for cell constant 0.01 27.5 mm for cell constant 0.1 28 mm for cell constant 1

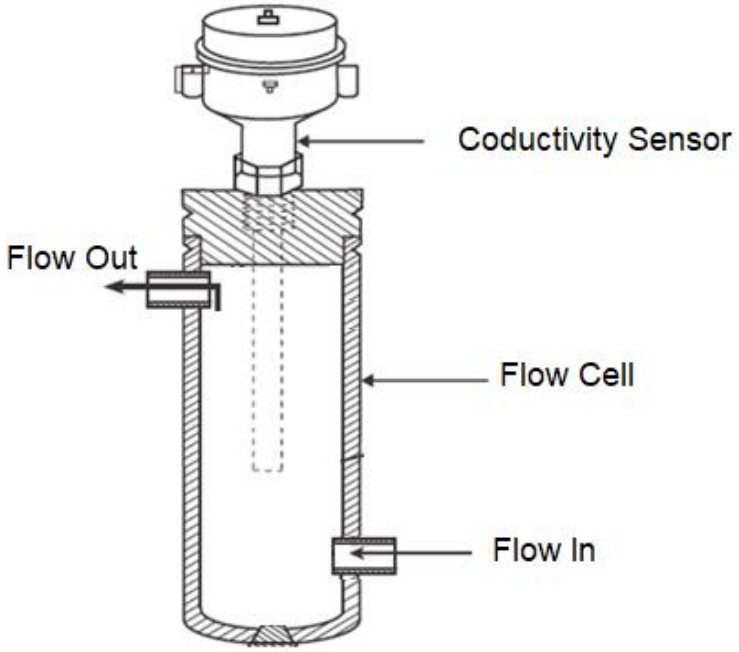
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Mounting	: Pipeline , immersion & Flow Through Chamber
Standard Cable Length	: Integral 5 Meter
Weight	: 0.5 kg

DIMENSION



INSTALLATION DRAWING



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

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