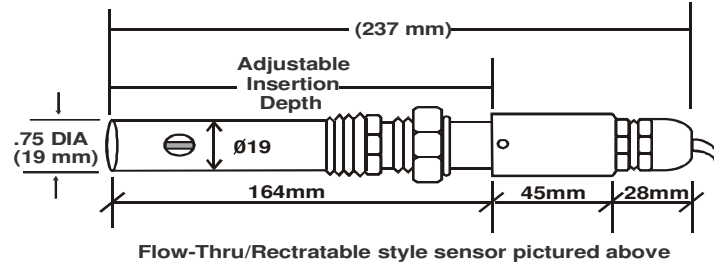


Contacting Conductivity Sensors

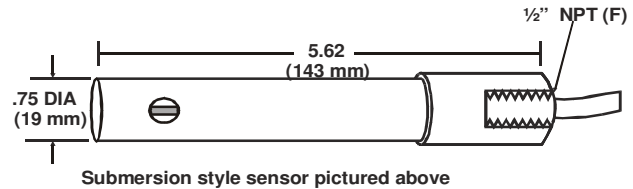
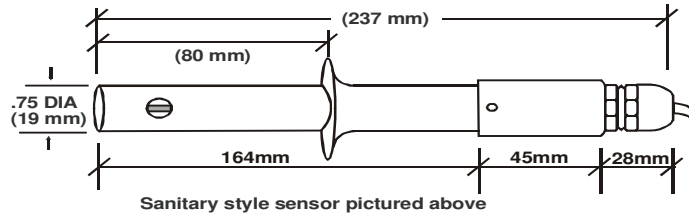
FEATURES

- Choice of mounting styles
- 0.05, 0.5, 1.0 and 10.0 cell constants (optionals cell const.)
- Integral Temperature Sensor
- Optional mounting Hardware assemblies for easy installation



Description:

BI's contacting-type conductivity Sensors are available in flow-thru, Sanitary and submersion mounting styles. Sensors in the 3258C-series use an optional 99X4H1135 compression assembly to conveniently install/remove the Sensor for routine inspection, maintenance and calibration. Flow-thru and submersion Mounting Hardware is offered for easy Installation. Each Sensor has an integral temperature Sensor which operates with the analyzer to automatically adjust conductivity values to a temperature of your choice reference Cell constants of 0.05, 0.5 1.0 and 10.0 are offered to match measuring range requirements.



Specifications:

Wetted materials.....SS 316, Teflon
 Max. Temperature/Pressure.....100 °C/140°C at 150 psig (depends on temp. element)
 Flow Rate.....0-10 ft (0-3 m) per second.
 Temp. Compensation.....3000 Ω NTC / Pt 1000 Ω /Pt 100 Ω
 Std Cable Length.....5 mtr.

Process Connection:

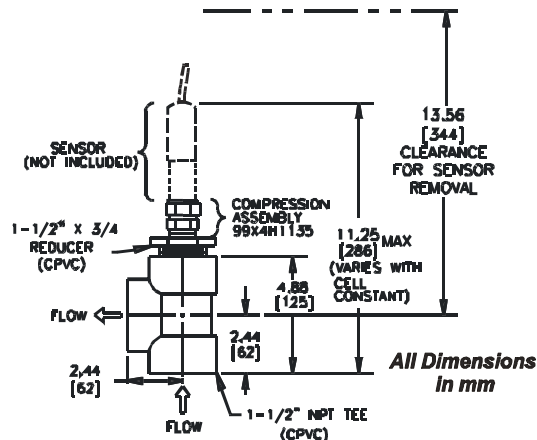
- Flow Thru. (Threaded).....3/4" NPT (M)
- Sanitary.....Triclover
- Submersion.....1/2" NPT (F)

Model MH536N3C

Mounting Hardware consists of:

- Ferrule
- Compression nut
- Compression fitting

☐ Required spare parts when replacing sensor.



Ordering Information : _____

3258C SS316 BODY CONDUCTIVITY SENSOR
Sensor Mounting style (M/H not included) 1 Flow Thru/Retractable 2 Submersion 3 Sanitary
Cell Constant B 0.01 C 0.05 D 0.1 E 0.5 I 1.0 J 10.0 K Custom
Temperature Element T1 Pt 1000 T2 NTC 3 K Ω (3 wire, 125 $^{\circ}$ C) T5 NTC 3 K Ω (4 wire) T3 Pt 100 T4 without temp. comp. T6 NTC 3 K Ω (3wire, above 125 $^{\circ}$ C)
Process Connection COM – 3/4" NPT (M) SS comp. Fitting TC1 – SS 316 1" triclover at 80 mm from bottom TC2 - Teflon 1" triclover at 80 mm from bottom TC3 – Special triclover
N – Standard Sensor K – Special Sensor

Model MH114M3C

Mounting Hardware consists of:

- Ferrule
 - Compression nut
 - Compression fitting
 - 1 inch ball valve (Stainless steel and Teflon with viton seals)
 - Steel guard and cables
- ☐ Required spare parts when replacing sensor.

Retractable Mounting Hardware MH114M3C

