Industrial ORP Sensor – Platinum Tip

MS ORP 02 (Origin USA)



FEATURE

- Double Ceramic Junction → Fast Response due to increased porosity, Increased Sensor Life
- Filled with Gel
- Industrial Grade Rugged Construction
- Easy Installation

DESCRIPTION

MicroSet make ORP Sensor model MS ORP 02 is designed for various Industrial Applications. Double ceramic junction reference aids in the sensor's resistance to harsh environments and helps prolong sensor life. The robust sensor design makes the MS ORP 02 reliable in a wide range of aqueous solutions found in pipelines, open tanks or ponds.

TECHNICAL SPECIFICATION

Range	: ± 2000 mV
Body	: Delrin
Type	: Combination
Pressure	: 6 Bar
Temperature	: 0 ~ 100°C
Junction	: Double Junction Ceramic
Tip	: Platinum
Process Connection	: ¾” BSP Male on Front End and Rear End
Mounting	: Pipeline (Inline) or Immersion (Tank) or Flow Through Chamber
Cable	: Integral 5 Meters Length with BNC (Optional Leads) Cable Length : 10, 15, 20, 25 Meters Also Available (Optional At Extra Cost) Please specify Cable Length required while ordering Note: Integral Cable Cannot Be Extended from 5 Mtrs. to 10 Mtrs. or so.

102 Chinmay 1103A 10 Lakaki Road Model Colony Shivajinagar Pune Maharashtra 411016 INDIA +91 9112455550
Team@MicroSetindia.com | Accounts@MicroSetindia.com www.MicroSetindia.com

APPLICATION

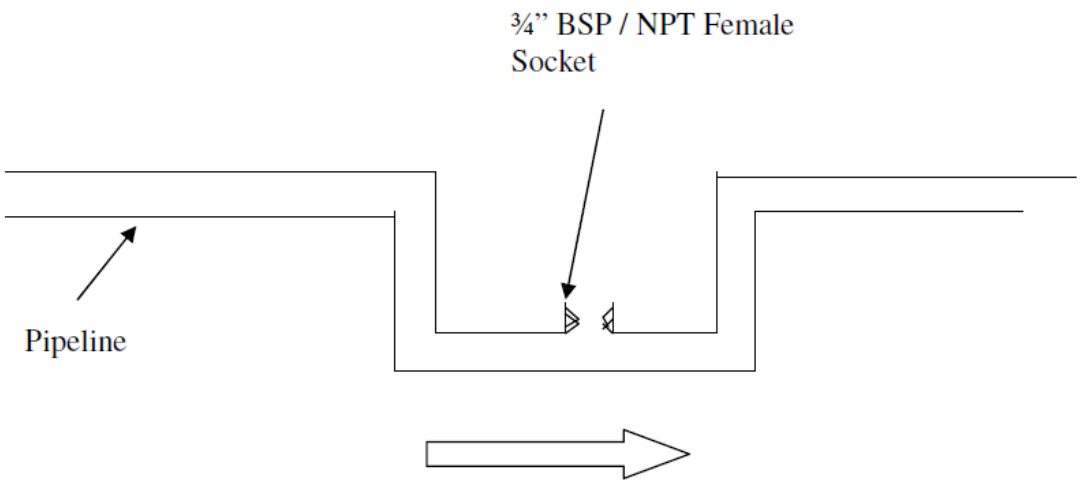
Water Treatment Plant (WTP)
Wastewater Treatment Plant (WWTP)
Effluent Treatment Plant (ETP)
Sewage Treatment Plant (STP)
RO Water Plant
Power Plant
Hydroponics
Chemical Industry
Textile Industry
Paper & Pulp
Beverages / Food Industry
Pharma Industry

DIMENSION



INSTALLATION

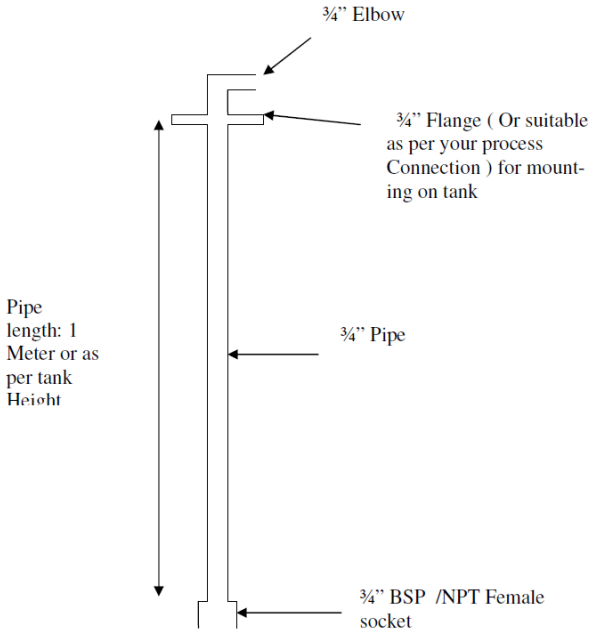
1. PIPELINE (IN-LINE) INSTALLATION



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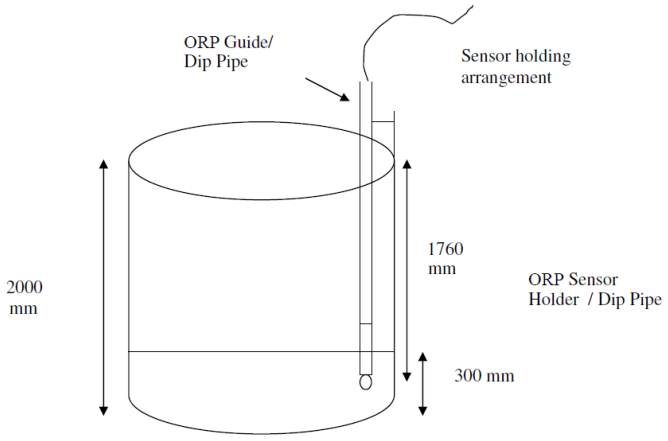
2. IMMERSION (TANK) INSTALLATION

A. GA Diagram for Guide Pipe / Dip Pipe for Tank :



MOC of Pipe / Socket / Flange: SS304 / SS 316 / PP / PVC as per Application

B. GA Diagram for ORP Sensor Installation in Tank



Example:

- Tank Height : 2000 mm
- Minimum Water Level : 300 mm
- ORP Sensor with Dip Pipe Length: 1760 mm (from top).

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