



Technical Specifications:

Body Material: CPVC, Graphite, Viton

Temp. Probe Type: Class A Platinum, RTD

Reads: Conductivity = $\mu\text{S/cm}$
Total Dissolved Solids = ppm
Salinity = PSU (ppt) 0.00 - 42.00

Response Time: 1 Reading Per Second

Max Depth: 60m (197ft)

Max Pressure: 200 PSI

Range: 5 - 200,000 $\mu\text{S/cm}$

Accuracy: +/- (0.15 + (0.002*t))

Operating Voltage: 3.3V - 5V DC

Temperature Range °C: 0°C to 110°C

Temp. Compensation: Yes

Cable: 3 Meters (10 Feet)

Data Protocol: UART and I²C

Data Format: ASCII

INDUSTRIAL EC SENSOR Electrical Conductivity

Fully Submersible

Max Pressure Of 200 PSI

Temperature Range Of 0-110°C

Embedded Conductivity Circuit

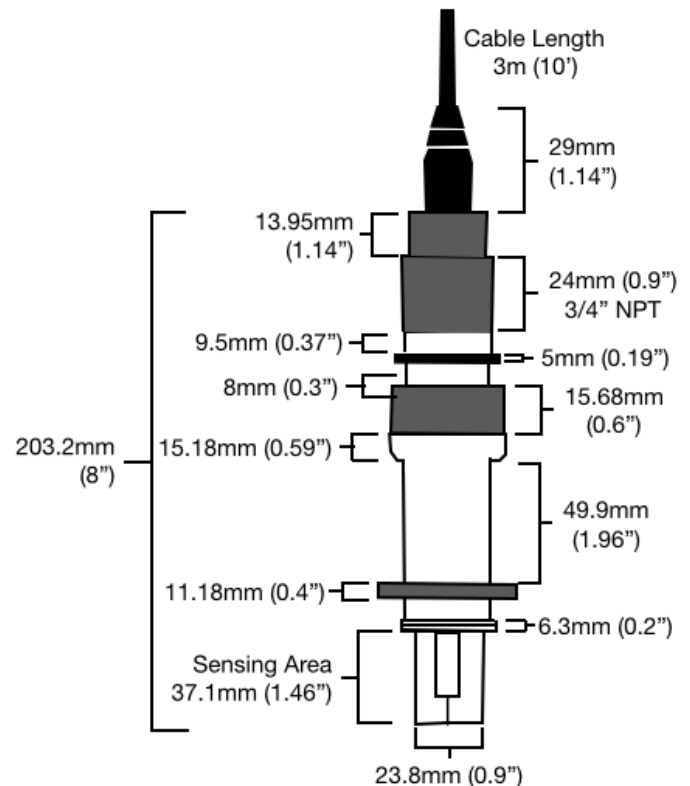
Continuous 1 Reading Per Second

Electrical Conductivity

Easily measure and monitor EC levels for industrial, water and wastewater applications.

Two electrodes are stored opposite of each other in the EC probe. When power is applied cations move to the negative electrode while anions move to the positive electrode. The higher the number of free electrolytes in the fluid the higher the EC reading.

This high-temperature resistant sensor is great for industrial application for any fluids up to 60m in depth.



ALL PRODUCT, PRODUCT SPECIFICATIONS AND DATA ARE SUBJECT TO CHANGE WITHOUT NOTICE TO IMPROVE RELIABILITY, FUNCTION, DESIGN OR OTHERWISE. ... It shall be the customer's responsibility to validate that a particular product with the properties described in the product specification is suitable for use in a particular application.