

SI-50 SI Marine 0-50PSU 20bar G1/2 Salinity Meter Electrode Datasheet



SKU: [923697817385](#)

Category: Process Sensors

Price: **\$2,785.71**

E-mail: sales@equipspares.com

Web: <https://www.equipspares.com>

Product Page:

<https://www.equipspares.com/product/si-50-si-marine-0-50psu-20bar-g1-2-salinity-meter-electrode>

Product Description

SI Marine SI-50 0 to 50 PSU 20 bar G 1/2" Thread 316L Stainless Steel is a high-precision salinity electrode. The sensor body is constructed from corrosion-resistant 316L stainless steel and features an integrated Pt 100 resistance thermometer for real-time temperature compensation. It utilizes a four-electrode measurement principle to ensure stability and accuracy in high-conductivity marine environments. The unit is designed for continuous immersion with an IP 68 protection rating and a robust 4-pin electrical interface.

SI-50 Specifications

Model: SI-50

Brand: SI Marine

Category: Salinity Meter Electrode

Measurement Range: 0 to 50 PSU

Operating Temperature: 0 to 100 °C

Maximum Pressure: 20 bar

Body Material: 316L Stainless Steel

Electrode Material: Graphite

Process Connection: G 1/2" Thread

Temperature Sensor: Pt 100

Accuracy: ± 0.5 % Full Scale

Protection Class: IP 68

Cable Connection: 4-pin Plug

Response Time: < 10 s

SI-50 Applications

Primary applications include integration into ballast water treatment systems (BWTS), marine engine cooling water monitoring, and desalination plant brine discharge control. Deployed within shipboard salinity monitoring consoles and offshore water quality analysis platforms.

Supplemental Images

