



ZRF-S1

Permanent Gel-Type Copper/Copper Sulphate Reference Electrode

The ZRF-S1 is a long-life, permanent reference electrode designed to measure protection potentials in neutral soil applications of Cathodic Protection Systems.

Technical Specifications

- $\pm 15\text{mV}$ Factory Calibrated
- Long-life Copper/Copper Sulphate permanent reference electrode
- Direct burial (not suitable for immersion)
- Wide operating temperature range: -20°C to $+50^{\circ}\text{C}$
- 30-year design life (see notes and installation guide)
- 130 cm^2 (20.3 in^2) large ceramic contact surface area
- Fully sealed 600V, 90°C , 10mm^2 connection cable (suitable for dry and wet conditions)
- 600ml saturated gel-type Copper/Copper Sulphate electrolyte
- Cylindrical structure: $9 \times 26.5\text{ cm}$, 3 kg (including cable)



* Please note that all products, product specifications and data presented in this datasheet or web site are believed to be free of errors and subject to change without prior notification for continued improvement. It is the users responsibility to ensure the suitability of the product for a specific application.