Combined Potential/Current Measurement
LD15/MMO Electrode Datasheet

- Reference Electrode: Combined Potential / Current Measurement
- Model: LD15/MMO

General Description

Some specifications require the use of combination reference electrodes for corrosion monitoring. These are usually silver/silver chloride reference electrodes with mixed metal oxide (MMO) coated titanium outer tube. The MMO titanium tube is effectively a back up pseudo reference electrode in the unlikely event that the main electrode fails.

Specifications

Reference electrode type:
LD15 silver/silver chloride and mixed metal oxide (MMO) coated titanium

Potential:
-15mV (+/- 10mV) wrt saturated calomel electrode

Stability:
+/- 3mV over a 24 hour period
+/- 10mV over 20 years

Design Life:
30 years for the LD15 reference electrode
100 years for the MMO Titanium

Silver element:
99.99% purity

Housing type:
Nylon
Junction Type:
Cementitious >175mm²

Dimensions:
Approx. 20mm x 100mm

Cable type:
Twin core to suit client requirements with heat shrink sleeving to seal the cable.

Quality control:
Calibrated under laboratory conditions.
Unique identification numbers.
Calibration certificates for each contract.