

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.