



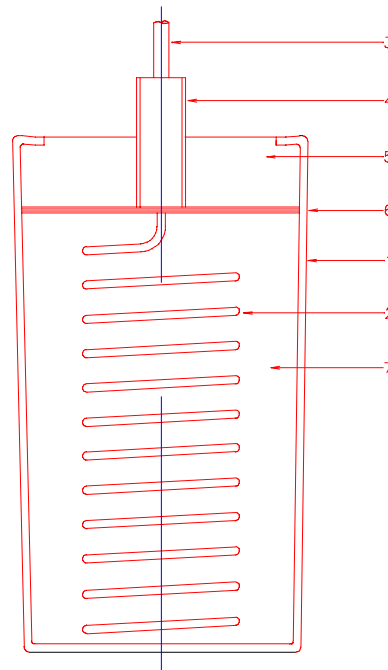
Permanent Reference Cells Data Sheet

Permanent Copper/Copper Sulphate Reference Electrodes

pml have designed this Permanent Copper/Copper Sulphate Reference Electrode for permanent installation in soil environments along pipelines and beneath storage tank bases.

Each reference electrode comprises a kiln fired terracotta body to give maximum porosity and contains a 3.3m spirally wound high purity copper rod embedded in pure copper sulphate granulated crystals

Standard cable tails are 10m of 6mm² XLPE/PVC red single core cable.



Options:

- Alternative cable tails available to suit customer requirements.
- For high resistivity applications electrodes can be supplied pre-packed in a gypsum / bentonite / sodium sulphate backfill.
- Where specified, electrodes can be supplied with the copper/ copper sulphate in a gel form.

Specification

Diameter	160mm
Height	290mm
Weight	10kg excluding cable
Packing	Pre-formed polystyrene for protection. Overall packed dimensions: 230 x 230 x 380mm

Pipeline Maintenance Limited

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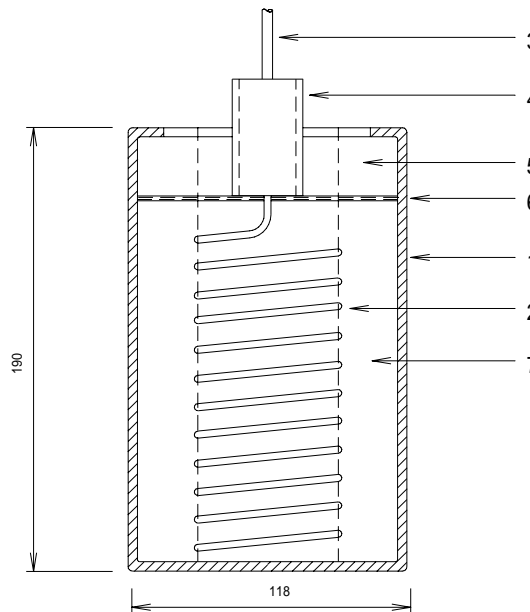


Permanent Copper/Copper Sulphate Reference Electrodes - Minipot

pml have designed this compact Permanent Copper/Copper Sulphate Reference Electrode for permanent installation in soil along pipelines and beneath storage tank bases where access is limited.

Each reference electrode comprises a kiln fired terracotta body to give maximum porosity and contains a 2.5m spirally wound high purity copper rod embedded in pure copper sulphate granulated crystals

Standard cable tails are 10m of 6mm² XLPE/PVC red single core cable.



Options:

- Alternative cable tails available to suit customer requirements.
- For high resistivity applications electrodes can be supplied pre-packed in a gypsum / bentonite / sodium sulphate backfill.
- Where specified electrodes can be supplied with the copper/ copper sulphate in a gel form.

Specification

Diameter	118mm
Height	190mm
Weight	3kg excluding cable
Packing	Pre-formed polystyrene for protection. Overall packed dimensions: 160 x 180 x 250mm

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