

Model US50 - SlimLine[™] Reference

Typical Applications:

- Underground and aboveground storage tanks, buried pipelines, elevator shafts

Featuring:

- 50 year design life with EDI's LongLife[™] gelled element
- Can be installed in a 2 inch (5 cm) diameter hole
- Proprietary backfill mix to retain moisture and minimize migration of contaminants from the surrounding soil
- 50 feet (15 m) of #14 AWG HMW/PE lead wire is standard



Housing Specifications

Size – 1 5/8 inch dia. x 22 inch long
(4.2 cm dia. x 56 cm long)
Shipping weight – 6 lb (2.7 kg)

Element Specifications

Design life – 50 years
Shelf life – 1 year minimum
Stability - ± 5 mV

Element Types

AGG - saturated gelled Ag/AgCl
CUG - saturated gelled Cu/CuSO₄

Design Compatibility

The **Model US50** is designed for installation in a 2 inch (5 cm) diameter hole. It is ideal for retrofit through asphalt or concrete where it is difficult or costly to drill a larger diameter hole. This electrode can be used between storage tanks at service stations or between the primary and secondary containment of an aboveground storage tank. Also, the **Model US50** weighs far less than the industry standard bagged electrode, which reduces shipping costs where this is a consideration.

Installation

Drill a 2 inch (5 cm) dia. hole, lower the electrode into place and slurry in backfill.

Terminations

SW – 50 feet (15 m) of #14 AWG HMW/PE
LWnnn - nnn feet #14 AWG HMW/PE
CWnnn - nnn feet of custom wire
(#12 HMWPE is the largest size wire that can be used on this model)

Model Designation

Specify as EDI Model US50-xxx-yy
xxx = Element type
yy = Termination type

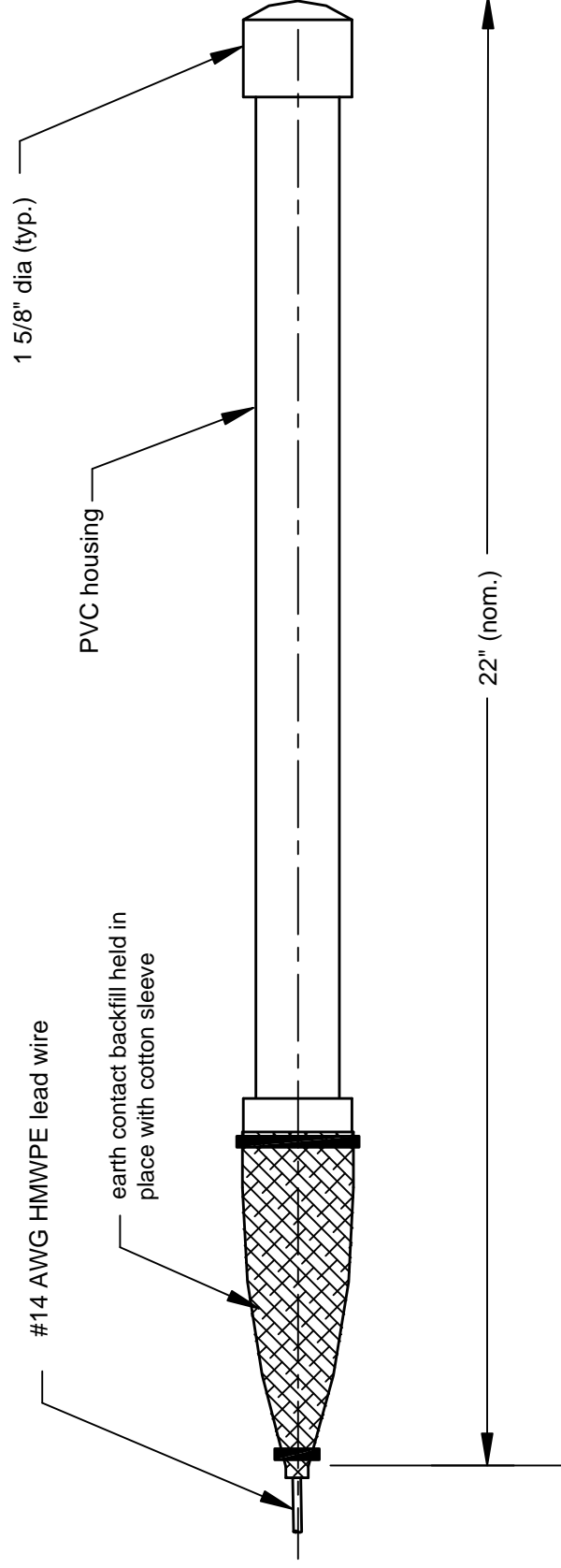
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*U Series
Underground
Reference
Electrodes*



Model US50 - 50 year (nom.) design life



Specify as Model US50-xxx-yy where
 xxx is element type and
 yy is termination type

Element Types

AGG = Ag/AgCl (saturated, gelled)
 CUG = Cu/CuSO₄ (saturated, gelled)

Termination Types

SW - 50' #14AWG HMWPE lead wire
 LWnnn - nnn' #14 AWG HMWPE lead wire

Refer to the following EDI drawings for installation guidance:
 USAPP1 - Installation in a bore hole
 USAPP2 - Installation beneath an above ground storage tank
 USAPP3 - Installation in a test station riser

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SlimLine™ Underground Reference

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