

Model UD – Dual Element Reference

Typical Applications:

- Aboveground and underground storage tanks, buried pipelines, elevator shafts

Featuring:

- Two sensing elements: a 30 year design life Cu/CuSO₄ or Ag/AgCl gelled element plus an encapsulated zinc element
- Can be installed in a 2 inch (5 cm) diameter bored hole
- Proprietary backfill mix to retain moisture and minimize migration of contaminants from the surrounding soil



Housing Specifications

Size – 1 5/8 inch dia. x 21 inch long
(4.2 cm dia. x 54 cm long)
Shipping weight – 5 lb (2.3 kg)

Terminations

LWnnn - nnn ft. #16 AWG 2 conductor
Neoprene jacketed unshielded cable

Element Types

Zinc plus either:
AGG - saturated gelled Ag/AgCl
CUG - saturated gelled Cu/CuSO₄
Design life – 30 years
Shelf life – 1 year minimum

Model Designation

Specify as EDI Model UD-xxx-LWnnn
xxx = element type
nnn = cable length in feet

Design Compatibility

The **Model UD** dual element electrode is frequently specified for use between the primary and secondary containment of an aboveground storage tank or between adjacent storage tanks at service stations. It can also be installed in a 2 inch (5 cm) diameter hole which makes it ideal for retrofit through asphalt or concrete where drilling a large diameter hole is difficult or costly.

Installation

ASTs: Place directly on the sand bed at a depth that will ensure at least 2 inches (5 cm) of sand between the reference and the structure. **Other applications:** Drill a 2 inch (5 cm) dia. hole, lower the electrode into place and slurry in backfill.

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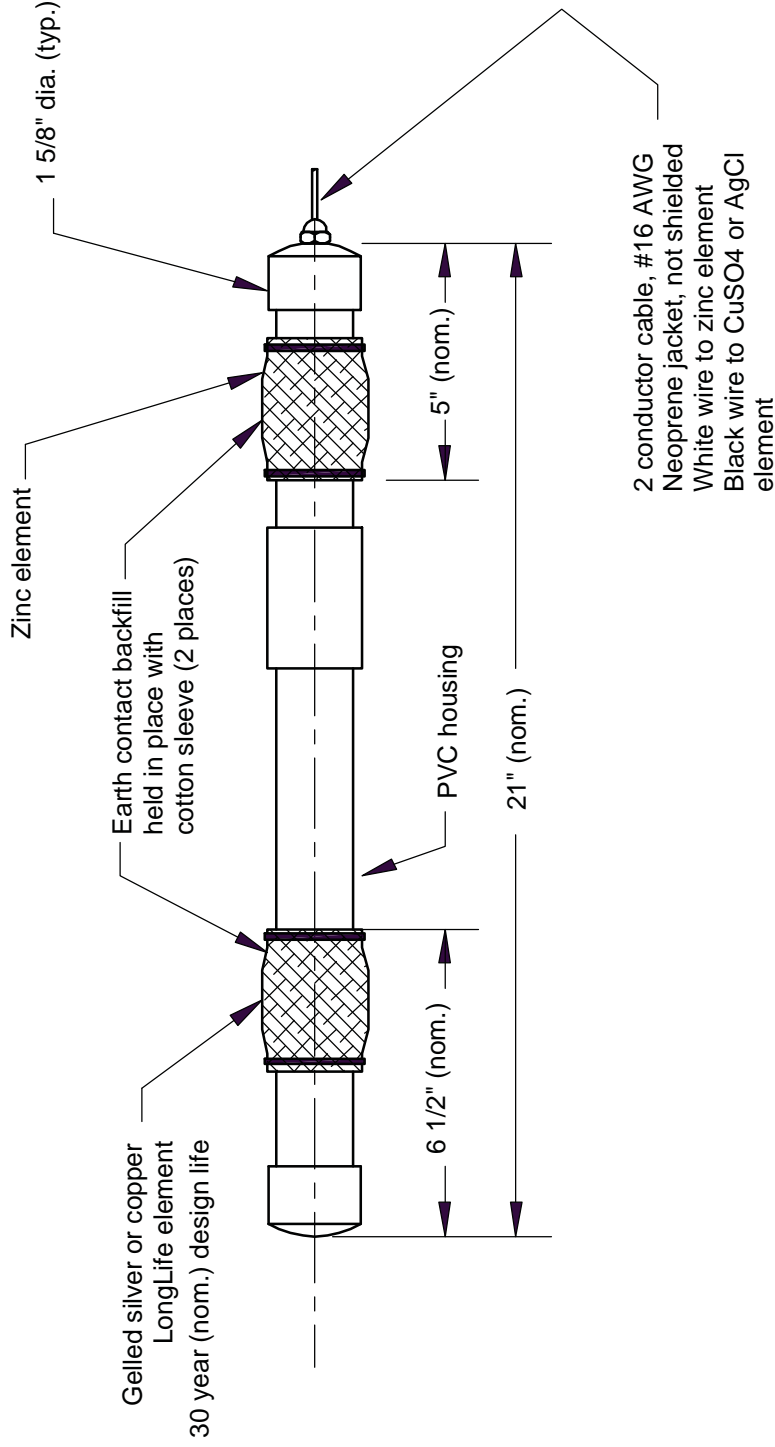
*U Series
Underground
Reference
Electrodes*



Specify as EDI Model UD-xxx-LWnnn where
 xxx is element type and
 nnn is cable length in feet

Element Types

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



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SlimLine™ Dual Element Reference

SCALE 1/4 X

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