

**PERMANENT REFERENCE ELECTRODES**

**Zn 99.99 % (Solid)**

Document No.: 07-200-R2

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**German Cathodic Protection**

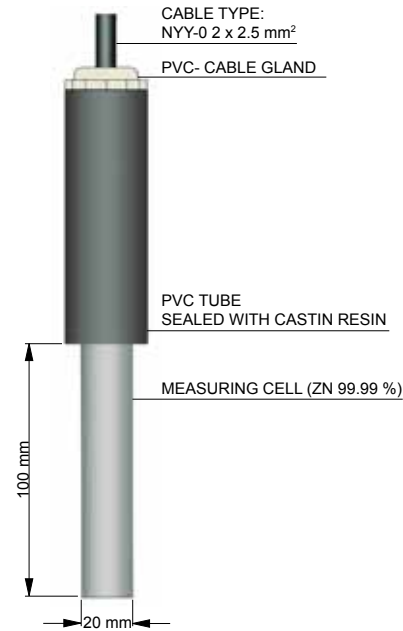


**Type: Zn-U (Zn 99.99 %) for Permanent Underground Application**

Reference electrode Zn-U is prepacked in a cotton bag filled with non-polarizing bentonite backfill.

Potential referring to H <sub>2</sub> - electrode	- 0.77 V
Temperature range	0 - 55° C
Composition of backfill	75 % Gypsum 20 % Bentonite 5 % Salt
Cotton bag dimensions	Diameter: 100 mm Height: 220 mm Weight: 3.6 kg*

\* with a cable length of 5 m



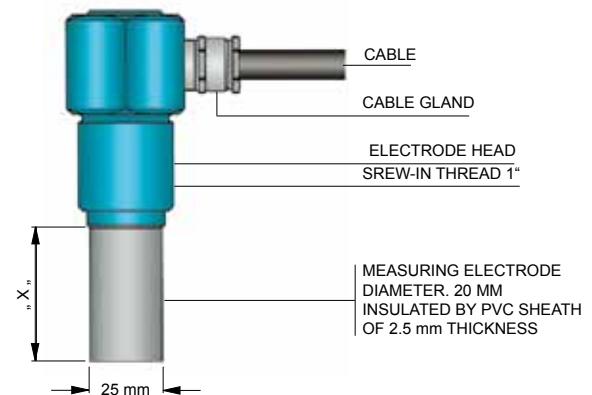
**Type: Zn-W (Zn 99.99 %)**

**Application**

Reference electrode Zn-W is used inside internally protected steel water containers, tanks, pipes etc. and is provided with a 1" screw-in thread for permanent fixture by using a weld-in flange. The measuring cell is covered with insulating material so that the only exposed area is the circular base at the bottom.

Potential referring to H<sub>2</sub> - electrode: - 0.77 V

Temperature range, Operational pressure, Length of measuring electrode „X,, and Cable type and length according to Purchaser requirements.



**Type: Zn-SW (Zn 99.99 %)**

**Application**

Reference electrode Zn-SW is used dipped in freshwater or seawater

Potential referring to H<sub>2</sub> - electrode: - 0.77 V

CABLE TYPE: NYY-0 2 x 2.5 mm<sup>2</sup>  
Cable length according to Purchaser requirements.

