AWE

LE10-1 Liquid Level Electrode Holder
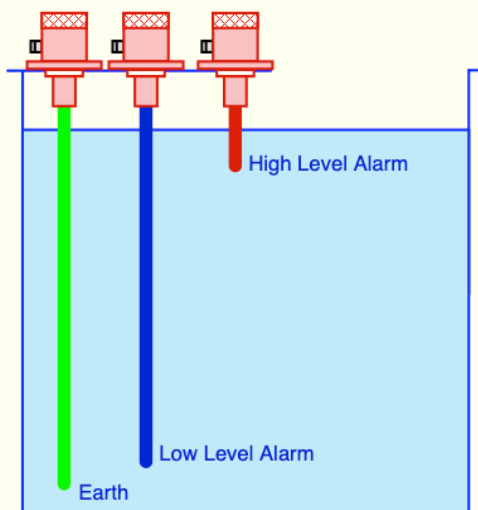

*   **Heavy Duty Electrode Holder**

*   **Designed to IP65 for Outside Use**

*   **Flange Mounting to WA Standard**

*   **Housing in Corrosion Resistant PVC**

*   **Choice of Electrode Materials**

*   **Standard Length up to 3 m long**

*   **Couplings & Steady Brackets Option**

*   **Mounting Brackets available to suit**

*   **ALC1101 Level Controller to Suit**

The LE10/1 level electrode holder has been redesigned to hold a 3/4″ pipe electrode with a diameter of 26.7 mm and wall thickness of 2.87 mm. The electrode is threaded and held in place with a 3/4″ sealed cap so no condensation enters the electrode housing when in use.

The LE10/1 level electrode holder is for uses in waste water sumps and tanks and is suitable for sewage and industrial trade effluent.

Standard electrode material is 316 stainless steel threaded at one end supplied 3.0 metres long these can be coated with PPA plastic. This is available with a wras approval for drinking water applications . For applications deeper than 3 m we able to offer electrodes threaded at both ends connectors andsteady brackets. For industrial effluent with corrosive liquids we are able to supply electrodes in titanium or hastaloy for greater chemical resistance.

The LE10 level electrode holder is designed for use with the AWE Instruments ALC1101 level controller. For high alarm with a reset electrode and earth electrode, low alarm with a reset electrode and earth electrode or pump control between to levels with an earth electrode and a selector switch for fail to safe fill or empty.

Typical Application

High Level Alarm

Low Level Alarm

Earth

High level alarm & low level alarm with common earth requires 2 x ALC1101 controllers

Specifications

Level Electrode Holdes

Model LE10-1

Mounting	Flange mounting standard Option 2" BSP Male thread
Electrode Material	Stainless steel 316 Option for titanium or hastaloy for greater chemical resistance.
Max. pressure	Atmospheric Can be supplied pressure tight TBC
Max. temperature	50oC
Length	3 m standard, option for threaded both ends connectors and steady brackets.

Dimensions

120 mm

170 mm

Threaded M20 for SWA cable gland

Threaded 2" BSP male

190 mm

120 mm

170 mm

Threaded M20 for SWA cable gland

Flange 175 mm Ø with 4 x 10 mm holes on a 147.5 mm PCD

Lenth TBA Up to 3000mm can be extended with couplings and additional lengths 3/4" pipe. PPA coating can be supplied

May 2025