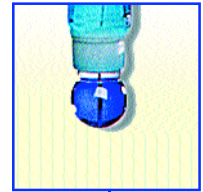




## Lock - N - Load pH/mV Electrode System



- \* Easy Removal While On Line
- \* Simple Operation
- \* PVC, PVDF or 316 Stainless
- \* High Quality
- \* Cost Effective
- \* Auto Temp Compensation
- \* Ex - Stock Deliveries

Retractable Lock-N-Load sensor assembly. All you need to do is Lock-N-Load to install a pH or Redox electrode into any pipeline, vessel or tank wall.

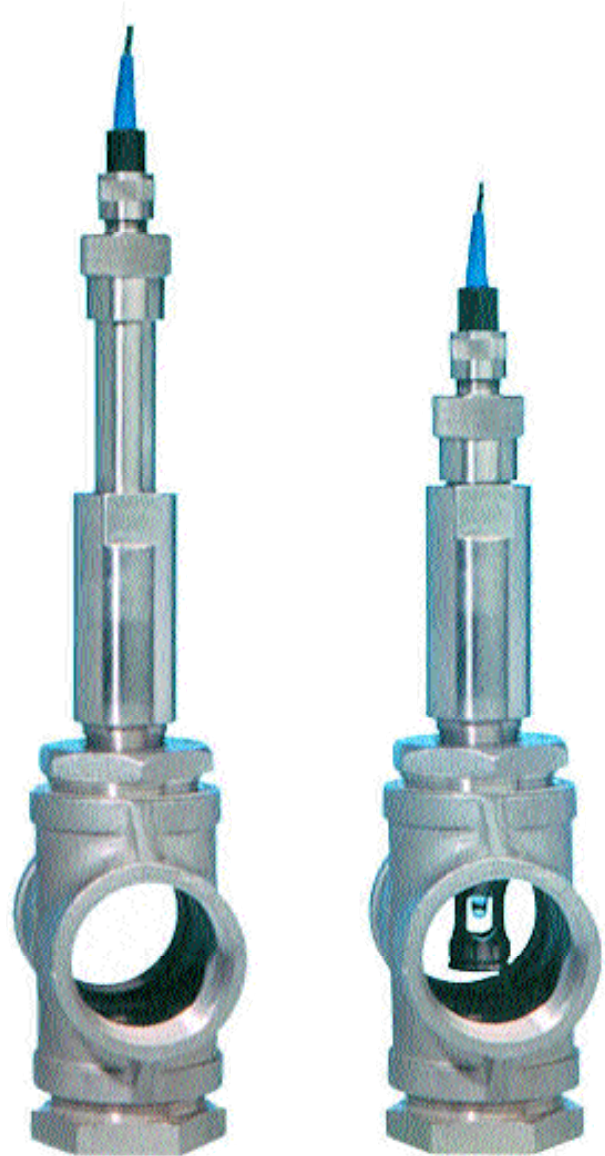
This is the first Inline electrode holder that does not require ball valves, cables or costly complex hardware to quickly insert or remove an electrode from a pipeline, vessel or tank without interrupting the process.

The simplicity of its design is what makes it unique. A quarter of a turn pull, and the electrode assembly is sealed from the line pressure. It can now be removed for maintenance, cleaning, calibration or replacement. It is safer too because the end cap seals from the inside out, unlike other types of insertion assemblies which rely upon valves and retaining cables.

The Lock-N-Load is available constructed from P.V.C, Kynar, (P.V.D.F.) or 316 Stainless steel which allows the Lock-N-Load assembly to be used for a wide range of applications in Water, Effluent Treatment and Process control.

A wide range of pH and Redox electrodes are available for the Lock-N-Load retractable electrode holder assembly. The electrodes feature sealed gel filled references with annular non fouling junctions.

Two styles of automatic temperature compensation are available either built into a threaded boss for use in a flow cell or insertion type for use with large bore pipes and tanks.



## Specifications

### L-N-L. P

Materials of construction  
Fitting  
Temperature range  
Pressure

### L-N-L. K

Materials of construction  
Fitting  
Temperature range  
Pressure

### L-N-L. SS.

Materials of construction  
Fitting  
Temperature range  
Pressure

### Electrodes for use with L-N-L.

9393-10B  
9392-10B  
9386-10B

## Lock - N - Load

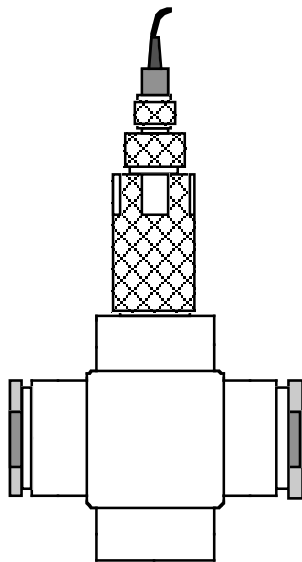
P.V.C.  
1 1/2" B.S.P. Male thread.  
-5 °C - 50 °C  
Max 100 P.S.I. at 20°C.

Kynar ( P.V.D.F.)  
1 1/2" B.S.P. Male thread.  
-5 °C - 100 °C  
Max 100 P.S.I. at 20°C.

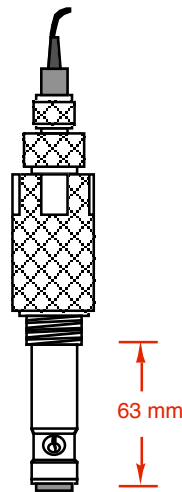
316 Stainless Steel  
1" B.S.P. Male thread.  
-5 °C - 100 °C  
Max 100 P.S.I. at 20°C.

Single junction combination pH.  
Double junction combination pH.  
Double junction combination Redox.

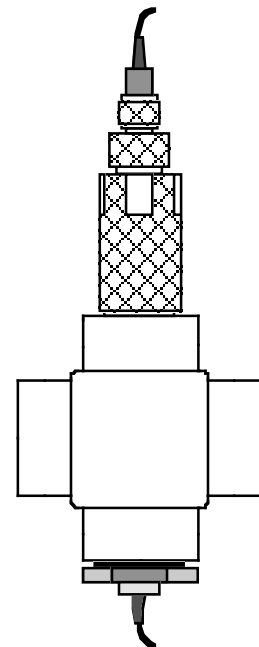
## Typical Installations



Fitted With Reducers For  
Use With Smaller Dia.  
Pipework.



Insertion Length



Flow cell with A.T.C.

# AWE

## Automated Water & Effluent Ltd

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