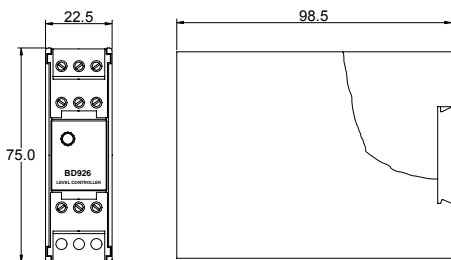


from Lee-Dickens Ltd  
 Rushton Road, Desborough  
 Kettering, Northants  
 NN14 2QW  
 Tel: 01536-760156  
 email: sales@lee-dickens.co.uk

Function: Basic level control for electrically conductive media such as Water, Chemical Compounds, Acids, Beverages, Sewage, etc. The sensitivity of the BD926 can be user adjusted over the entire range by means of a potentiometer located behind the fascia label. The alarm relay can be configured as a High or Low Trip, and operates in a Fail-Safe mode. When used with a multiple electrode the relay acts in a latching mode between the two measuring electrodes.

INPUTS:	OUTPUTS:	SUPPLY:	GENERAL:
<p>The input to the BD926 can be any single or multiple electrode conductivity level probe. Typically it is suitable for probes from the 81 series Noflote range. 81NEL, 81NEW, 81NEO, 81NEM, etc.</p> <p><b>Conductivity Range</b> 200 to 20K Ohms approximately</p> <p><b>Sensitivity</b> Sensitivity is adjustable by means of a 270° potentiometer accessible once the front panel is removed.</p>	<p><b>Relay Contact</b> One DPCO relay</p> <p>When used with a multiple electrode probe the relay will have a latching action.</p> <p><b>Contact Ratings</b> 0.6A 125V AC 0.6A 110V DC 2A 30V DC</p> <p><b>Switching Mode</b> (Link selectable once front panel is removed) High fail-safe (Factory de-fault) or Low fail-safe</p> <p><b>Relay State Indication</b> Bi-colour red/green LED Green = Stable State Red = Alarm State</p>	<p><b>Power Supplies</b> 115 Volt AC ±15% 50/60 Hz or 230 Volt AC ±15% 50/60 Hz (To be specified at time of order)</p> <p><b>Power Required</b> 2.0 VA Maximum</p>	<p><b>Operating Temperature Range</b> 0 to +45°C</p> <p><b>Storage Temperature Range</b> -20 to +60°C</p> <p><b>Operating Humidity Range</b> 0 to 95% RH non-condensing</p> <p><b>Storage Humidity Range</b> 0 to 95% RH non-condensing</p> <p><b>Weight</b> BD926 145 gms</p>

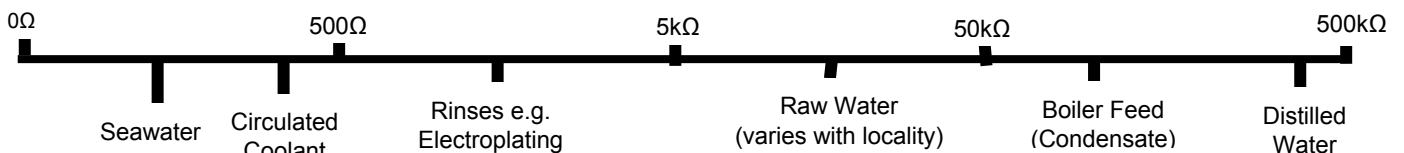
**MECHANICAL DETAILS**



**TERMINATION DETAILS**

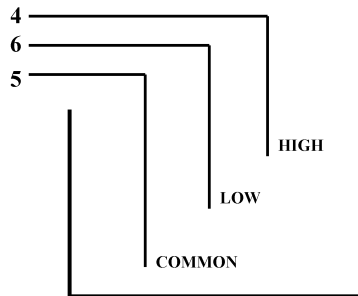
Terminal	Terminal
1 Supply Neutral	7 -----+ Normally Open 1
2 Supply Live	8 Relay Common 1
3 Supply Earth	9 -----+ Normally Closed 1
4 Max }	10 -----+ Normally Open 2
5 C } Inputs as below	11 Relay Common 2
6 Min }	12 -----+ Normally Closed 2

**Typical Resistance Ranges**

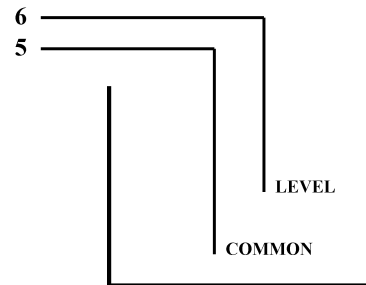


## BD926 Electrode Connections Details

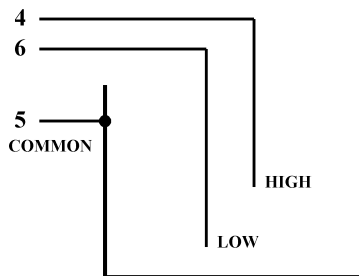
## 3 Electrodes - Insulated Tank



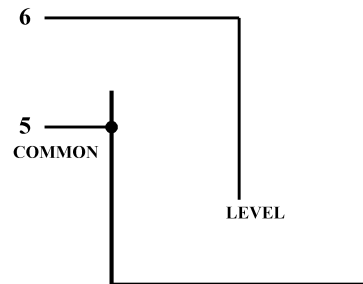
## 2 Electrodes - Insulated Tank



## 2 Electrodes - Conductive Tank



## Electrode - Conductive Tank



## ORDERING DETAILS

- Give identification code, i.e. BD926
- Give power supply voltage, i.e. 230 Volt AC