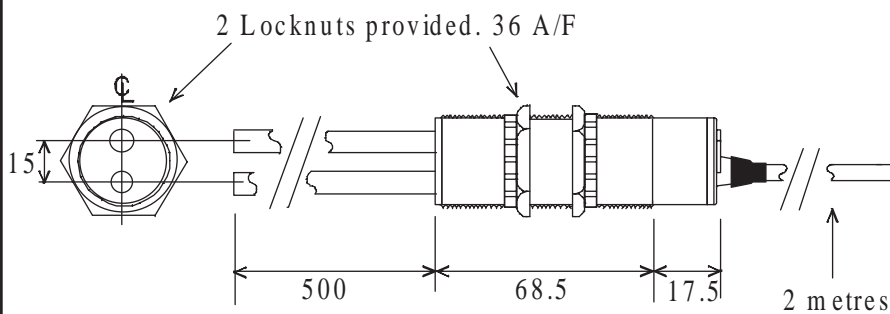
**DIMENSIONS**

**Resistance Level Sensor  
MINIMHO  
RL2TO**

The Minimho RL2TO resistance level sensor is a self contained unit in a 30mm diameter threaded enclosure.

The sensors are encapsulated and have stainless steel rods (500mm as standard), these can be cut to any length, on site, using a hacksaw or similar.

The units are designed for use in conductive liquids or free flowing granular solids. Output is operated when ever the material makes or breaks contact with the probe rods.

RL2TO has two probe rods, a main sensor rod and an earth (signal return) rod. The unit is suitable for use in metallic or non-metallic containers. The earth rod should

always be 'slightly' longer than the sensing rod. The sensing rod is cut to the point where level detection is required.

- \* **Self contained, for 10-30V dc supply**
- \* **Opto-isolated Transistor Output for pnp/npn, PLC connection**
- \* **Built in time delay. Prevents false signalling due to splashing etc.**

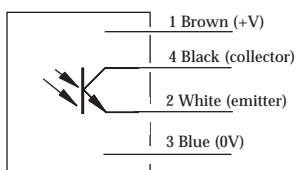
## SPECIFICATION

<b>Supply</b>	10-30V dc
<b>Current Consumption</b>	30mA
<b>Operating Temperature</b>	-15°C to +50°C
<b>I.P. Rating</b>	IP65
<b>Output</b>	Opto-isolated Transistor rated at 30V dc 100mA maximum. Can be connected in pnp or npn configuration.
<b>Time Delay</b>	Fixed at 1 second. Prevents false signalling due to liquid splashes etc.
<b>Connection</b>	2 metre, 4 core cable (unscreened).
<b>Operating Mode</b>	output OFF with material present.
<b>Enclosure</b>	Moulded Polycarbonate. M30 x 1.5mm pitch.
<b>Weight</b>	300 grammes.

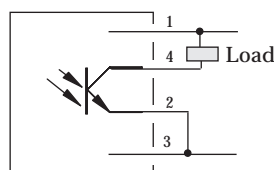
### HOW TO ORDER:-

Specify **RL2TO** no other coding is required.

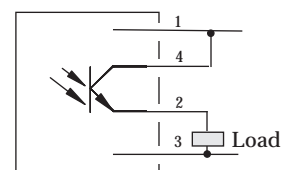
### CONNECTIONS



Connections **RL2TO**



npn



pnp

Typical connections



Detection & Control  
in action