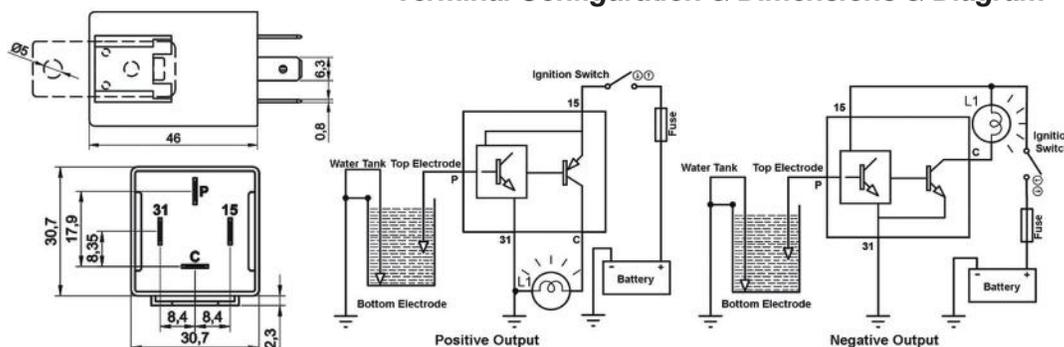


Water Tank Liquid Level Warning Relay

Product Code **201.014.001 - 12V (+) Output** **201.014.002 - 12V (-) Output**
 201.014.005 - 24V (+) Output **201.014.003 - 24V (-) Output**

Terminal Configuration & Dimensions & Diagram



Accessories

- 207.140.251 Socket – 5 Terminals, 4 Cables - Black (Standard cable length 20 cm & cable cross section 1,50 mm²)*
- 207.100.003 Socket – 5 Terminals – Black & Blue/ Pack of 2
- 207.100.001 Socket – 5 Terminals – Black
- 207.100.002 Socket – 5 Terminals – Blue

* Indicates cross section of cables carrying higher current. Please refer to **Socket Product Group** pages for different alternatives.

Technical Data

| | 201.014.001 | 201.014.005 | 201.014.002 | 201.014.003 |
|---------------------------------|--------------------------------|--------------------|--------------------------------|--------------------|
| Nominal Voltage | 12V | 24V | 12V | 24V |
| Operating Voltage | 8,0 - 16,0Vdc | 18,0 - 30,0Vdc | 8,0 - 16,0Vdc | 18,0 - 30,0Vdc |
| Maximum Load Current | 150mA | | 150mA | |
| Maximum Load Power | 1,2W | 2,4W | 1,2W | 2,4W |
| + / - Output | + Output | | - Output | |
| System Check | 1 second at each initial start | | 1 second at each initial start | |
| Ripple Effect Protection | 1 sec. | | 1 sec. | |
| Dielectric Strength | >1000Vdc | | >1000Vdc | |
| Vibration | 20-200Hz,5g;>10µs | | 20-200Hz,5g;>10µs | |
| Mechanical Shock | >10g, 11ms>10µs | | >10g, 11ms>10µs | |
| IP Rating | IP54 DIN IEC60529 | | IP54 DIN IEC60529 | |
| Terminals | 6,3 x 0,8mm | | 6,3 x 0,8mm | |
| Terminals / Plating | Fe/E-Sn | | Fe/E-Sn | |
| Bracket / Plating | Fe/E-Zn | | Fe/E-Zn | |
| Ambient Temperature | - 40 / + 80 °C | | - 40 / + 80 °C | |

Product Details

The control of the liquid level in tanks such as windshield washer or radiator is crucial. ELO Water Tank Liquid Level Warning Relay is manufactured to alert the driver through an indicator lamp that the liquid level has reached a minimum level set by the driver. As the ignition is turned on, the indicator lamps is lit for a short period of time to check it is operational. When the liquid level is reached to minimum level set by the user, the indicator is lit continuously to warn the driver.

Notes

All measurements are in millimeters.