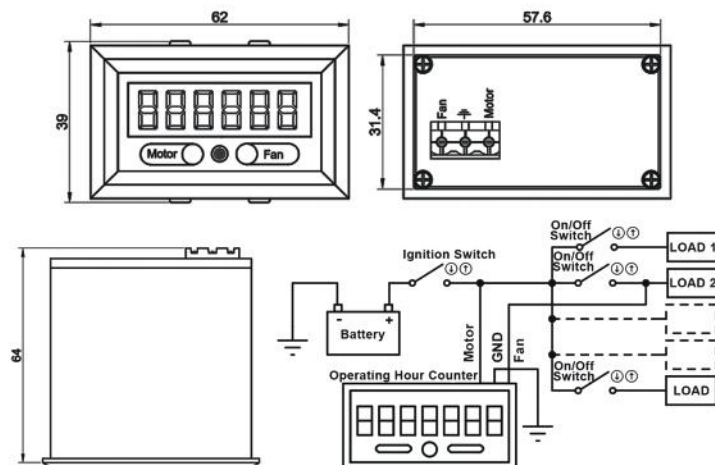


Operating Hour Counter with LED Display

Product Code **221.001.001** - 12V
 221.001.003 - 24V

Dimensions & Diagram



Technical Data

	221.001.001	221.001.003
Nominal Voltage	12V	24V
Operating Voltage	10-16V	20-30V
Display	7 Digit LED	7 Digit LED
Maximum Counting Hour	1.000.000 hours	1.000.000 hours
Minimum Counting Hour	10 minutes	10 minutes
Number of Counters	2	2
Dielectric Strength	>1000Vdc	>1000Vdc
Vibration	20-200Hz,5g;>10us	20-200Hz,5g;>10us
Mechanical Shock	>10g, 11ms>10us	>10g, 11ms>10us
IP Rating	IP54 DIN IEC60529	IP54 DIN IEC60529
Ambient Temperature	-40 / +60 °C	-40 / +60 °C
Mounting Type	Panel Type	Panel Type
Mounting Space Dimensions	58x32mm	58x32mm
Dimensions	92x62x35mm	92x62x35mm

Product Details

The periodical maintenance of the construction machinery is determined according to the working hours, not the kilometers covered like in passenger vehicles. Similarly, a generator, compressor, or stationary machinery and equipment that require maintenance must have an operating hour counter. Conventional mechanical meters frequently fail because they are affected by heavy working conditions such as dust, heat and vibration. The ELO Operating Hour Counter with LED Display is an electronic product designed to operate safely under these adverse conditions. It has two counters and can be switched between by pushing the button on the front panel.

Mechanical installation is extremely easy. After inserting into the housing, the only installation needed is to adjust the spring positions. Electrical connections can be made with the same convenience. There are two + inputs and one ground cable. If the voltage comes from the first + input, the first counter will count, and if the second or both inputs are fed with +, the two counters will count at the same time. The LEDs on the right and left of the button determine which counter is being displayed. If the LED to the right of the button is lit, the counter on the display shows the total time of the first + input. If the LED to the left of the button is active, the timer counter shows the second + input's data. Operationally, however, it does not matter which counter is displayed, since the counter continues to count in the background even if it is not displayed. For high volume orders, the front and rear panels of the product can be marked as per customer request such as; MOTOR, FAN, COMPRESSOR, HYDRAULIC, PUMP and so on.

Notes

All measurements are in millimeters.