



## INSTALLATION STEPS

1. Cut a  $\Phi 52$  mm (2 1/16") diameter hole (II) in panel to allow clearance of 55mm (2 3/16") behind the panel.
2. Remove fastening ring (I), insert Gauge from front. then tighten gauge (III) by fastening ring (I).
3. Connect cables according to diagram. Connect to 12 or 24 Volt directly.
4. For optional navigation light and anchoring light, white wire and red wire can connect to the switch separately. As the white wire connects to positive pole, the red wire also connects to positive pole; when only red wire power on, white wire disconnect.
5. If the navigation light is bulb, connect one end of bulb to B end, and the other end to the negative pole; If it is LED light, connect the positive pole of LED light to the L end, and the other end to the negative pole;
6. The LED lights D1 to D5 in the gauge will be activated when power is consumed through the navigation lights. Broken circuit, wire or bulbs will deactivate the respective LED in the gauge.

**Note:**

The input current for B terminal and L terminal must not exceed the scope defined on the label.