**Quick Reference**

**Power On**
- Press the power button (1) for 1-2 seconds.

**Zero**
- Press the zero button (Ø) for 1 second.
- Set the range to 20 PSI, 1.4 bar, 140 kPa, 1.4 kg/cm².

**Backlight**
- Press the backlight button to toggle the backlight on and off.

**Power Off**
- Press the power button (1) for 1 second.
Gauge Setup Basics

1. Access Setup
2. View Setup options
3. Select an option

Gauge Setup Map

Maximum, Minimum, or Averaging

- Hi On (red)
- Lo On (yellow)
- A On (avg)

Pressure Units

- PSI
- mmHg
- °Hg
- mmH2O*
- °H2O*
- kg/cm²
- mbar
- bar
- MPa
- kPa

Note: Pressing the setup button always returns the gauge to operating mode. If you want to set multiple Display Functions, press the setup button to navigate from one Display Function to the next, then press the enter button when you are done.

Note: All units are not available with every pressure range.

* H2O icons and temperature settings will only display on H2O enabled units.
### Gauge Setup Map continued

#### Backlight Timer

- **Lt: 15** (light stays on for 15 seconds)
- **Lt: 60** (light stays on for 60 seconds)
- **Lt: On** (light does not turn off automatically)

#### Power Management *

- **Note:** This menu can be accessed only when the gauge is off.

<table>
<thead>
<tr>
<th>Setting</th>
<th>Description</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>rd 0.1</td>
<td>(1/10 minute)</td>
<td>3,000 hours</td>
</tr>
<tr>
<td>rd 0.2</td>
<td>(1/5 minute)</td>
<td>6,000 hours</td>
</tr>
<tr>
<td>rd 1.0</td>
<td>(1 minute)</td>
<td>10,000 hours</td>
</tr>
<tr>
<td>rd 2.0</td>
<td>(1/30 seconds)</td>
<td>20,000 hours</td>
</tr>
<tr>
<td>rd 4.0</td>
<td>(1/15 seconds)</td>
<td>30,000 hours</td>
</tr>
<tr>
<td>Off</td>
<td>(4/1 second)</td>
<td>600 hours</td>
</tr>
<tr>
<td>Off 1H</td>
<td>(4/1 second)</td>
<td>600 hours</td>
</tr>
</tbody>
</table>

* At “Power On,” this setting is displayed as **No Auto off**

** At “Power On,” this setting is displayed as **Auto off 1H**

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#### Troubleshooting

**Err 1** displayed:
The M1 checks the internal calibration every time it's turned on. Contact factory for further instructions.

**Err 2** displayed:
The M1 has tried to display a number too large for the display due to electrical malfunction or numerical error. Contact factory for further instructions.

**Err 5 or Err 6** displayed:
The M1 pressure sensor is exhibiting behavior out of normal operating condition. Contact factory for sensor replacement.

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**Note:** If there is no gauge activity for 10 seconds, the gauge will return to operating mode. Any Setup options that you have selected will be enabled.

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**Note:** Whenever one of the rd settings is selected, the battery icon will change from **CEL** to **M** indicating that the M1 is in Ultra Low Power Mode.