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OIL LEVEL GAUGE

SIGMA’s Oil Level Gauge / Indicators (Acrylic) are designed for measuring / indication of level of oil or other transmission liquids. The principle of operation is liquid maintaining its level by virtue of gravity. The Oil Level Gauge comprises of a solid block of transparent acrylic (oil chamber) with graduations as required. The Oil Level Gauge is connected to the storage tank through a single limb or by having two connections drawn from the chamber to the side of the tank. It also contains a vent and a drain. This is typically used for low pressure and low temperature applications.

SIGMA’s Oil Level Gauge / Indicators (Glass) is rugged, compact and reliable gauge for visual indication of oil levels in small tanks. The Level Gauge consists of a toughened borosilicate gauge glass tube fitted between metallic end blocks and banjo bolts through a set of o-rings. A slotted steel guard is provided enclosing the glass guage to provide protection from accidental damage. The gauge is mounted parallel to the tank, to form a closed loop causing tank liquid to seek its level in the gauge.

Sigma Advant-edge
- No Glass Tube Construction for breakage
- No Leaking glands and gland tightening for glass packing.
- Comparatively unbreakable on slight impact.
- Clear and easily cleanable.

Typical Application of Oil Level Indicator
- Machinery
- Gear Boxes
- Engine Tanks (Temperature below 60°C)
- Bearing Housings
- Hydraulic Tanks

Model Number Coding for Oil Level Gauge

<table>
<thead>
<tr>
<th>SIOLG</th>
<th>Indication</th>
<th>No.of Limb</th>
<th>Wetted Parts</th>
<th>Process Connection</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sigma Oil Level Gauge</td>
<td>A-Acrylic</td>
<td>S - Single</td>
<td>4-SS304</td>
<td>1 - M12</td>
</tr>
<tr>
<td>G- Glass</td>
<td>D - Double</td>
<td>6-SS316</td>
<td>2 - M8</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>C-CS</td>
<td>S - Others specify</td>
<td></td>
</tr>
</tbody>
</table>

Specify C/C (mm) distance after the model code.

Note:
- SIGMA reserves the right to modify specification / design from time to time, which is deemed suitable for the product without prior intimation.

Specifications

Wetted parts : CS / SS 304 / SS 316.
Process Connection : M12 or M8 (Banjo Bolts).
Lock Nut : CS / SS.
Guard : CS, Slotted Tube.
Gauge : Toughened borosilicate Ø 16 mm.
Banjo Bolt O Ring : Neoprene / Viton.
Range (C/C) / Visibility : 75 to 300 mm / c/c - 40 mm.
Temperature / Pressure : 70°C (Neoprene),100°C (Viton) / 1 bar.

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