



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 connection 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 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
- Bearing Housings
- Gear Boxes
- Hydraulic Tanks
- Engine Tanks (Temperature below 60°C)

Model Number Coding for Oil Level Gauge

SIOLG	Indication	No. of Limb	Wetted Parts	Process Connection
Sigma Oil Level Gauge	A- Acrylic G- Glass	S - Single D - Double	4-SS304 6-SS316 C-CS	1 - M12 2 - M8 S - Others specify

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.



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 gauge 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.

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.

Oil Level Gauge (Glass)



Oil Level Gauge (Acrylic)

