

LEVEL GAUGES

REFLEX LEVEL GAUGE

General Features

- Operates on the principle of light refraction and total internal reflection
- Gauge glass features prism grooves machined on the inner surface
- When in contact with liquid, light passes through and appears dark
- When in contact with vapour or gas, light is totally reflected and appears bright silver
- Provides clear visual distinction between liquid and vapour levels
- Ensures reliable and accurate level indication



Material Data

| COMPONENT | MATERIAL |
|--------------------|---|
| Body | CS, SS 304, SS 316, Duplex SS, Alloy 20 |
| Gauge Glass | Borosilicate Glass (Type I, III) |
| Gaskets / Packing | PTFE, Graphite, Asbestos-free Fibre |
| Cover / Guard | CS Powder coated / SS 304 / Aluminium |
| Process Connection | SS 304, SS 316, Carbon Steel |
| Safety Valve | SS 316 / Carbon Steel |

Design Features

- Suitable for high pressure and temperature service
- Pressure rating up to 100 Bar
- Temperature up to 300°C
- Available in single and multi-port configurations
- Toughened borosilicate gauge glass as standard
- Manual or automatic shut-off safety valves
- Top and bottom process connections – Flanged / Screwed
- Protective guard cover supplied as standard
- Mica shield available for corrosive media