Liquid level indicator Comem OLI
Clear and visible liquid level indication

Unexpected or accidental liquid leakages may occur randomly along transformer’s lifetime. Clear and visible indication of oil or liquid level from any direction has to be guaranteed through dedicated dials.

The float movement associated with the liquid level is transmitted to the dial through a magnetic coupling system; floats are available with either axial or radial movement, dial can be installed with a certain inclination.

Liquid level indicator Comem OLI is compatible with all transformers’ design because it is prone to be customized to end user preferences through an adjustable fixing flange and dial marking.

ABB’s liquid level indicators give off an alarm if the fluid reaches the minimum or maximum preset values.

Advantages:
• Customizable mounting flange suitable for all transformers designs
• Adjustable value settings for switches
• No printings neither stickers on the view glass: temperature indication is directly marked on the plate behind the view glass
• Easy accessibility to wiring box

Application:
• Liquid-filled power transformers with or without conservator
• Conservator with rubber bag
• On-load tap-changer applications

Features:
• Field-proven reliability
• Robust design
• Easy installation
## TECHNICAL DATA

| **Housing** | Alluminum alloy |
| **RAL** | 7032 |
| **Lens** | Polycarbonate or tempered glass |
| **Flange** | Alluminum alloy |

### Flange design

| Comem L140 | Comem OL22, L220 | Comem OL1 | Comem L340 |
| 6 holes | 8 holes | Compatible with all transformer designs, 4 holes | Comem design, 8 holes |

### Dial*

- Numbers and letters directly screen-printed on alluminum plate
- Customizable range (MIN +20°C MAX, other available)
- Red needle

- Adjustable switches: Yes
- Ventilation valve: Yes
- Float element: Rohacell
- Float movement: Radial, axial, axial for rubber bag
- Liquid temperature: -40°C, +120°C
- Environment temperature: -40°C, +80°C

### Installation

- Indoors and outdoors, tropical proof
- Off shore protection available upon request

### Cable gland

- 3;M25x1.5

### Degree of protection

- IP65 / IP66 upon request

### Power supply

- 24 - 230 V AC/DC

### Vibration class

- 4M4

---

*Dial size: 90, 145, 250mm of diameter