

SG Series Level Indicator - Quick User Guide

1. Product Description

- ✓ SG Series visual level indicators are **mechanical devices** designed for direct and **continuous** monitoring of liquid levels in tanks, boilers, and similar vessels.
- ✓ They operate **without any external power source**, and the liquid level can be easily observed through the transparent tube.



2. Installation Instructions



The product must be installed in a **vertical position**.

- ✓ Upper and lower connection points should be securely mounted to suitable flanged or threaded ports on the tank.
- ✓ Ensure that the sealing elements (NBR / Viton) are correctly positioned.
- ✓ Do **not overtighten** the mounting bolts.

3. Operation



The liquid level is read directly from the float or liquid column inside the transparent tube.

- 1 In thermometer-equipped models, temperature is monitored via the integrated glass thermometer.



- ✓ In electrically **contacted models**, an output signal is generated when the liquid reaches the preset level.



5. Technical Limits

- Ⓐ Maximum operating pressure: 2 bar
- Ⓒ Operating temperature: -20 °C t +100 °C
- Ⓒ Use the product **only** within the specified limits.

4. Electrical Connection (Contact Models)

- Ⓐ Connector type: DIN 43650-A
- ⚡ Max. voltage: 48 V
- Ⓐ Max. current: 0,5 A
- 🔧 Electrical connection must be made according to the wiring diagram supplied with the product.



5. Technical Limits

- Ⓒ Maximum operating pressure: 2 bar
- Ⓒ Operating temperature range: -20 °C to +100 °C

⚠ Warnings

- ⚠ Consult the manufacturer before use with **aggressive liquids or chemicals**.
- ⚠ Avoid pressure shocks.
- ⚠ To extend service life, the use of system filtration is recommended.