

## CG-065 - Level sensor

### Description

## CG-065 Level sensor

Electrode integrated sensor that together with the environment forms a capacitor. Depending on its dielectric constant (DC value), the medium determines the capacity value. This, together with a coil in the sensor electronics, creates a resonance circuit. Depending on the measured resonance frequency and the programmable trigger thresholds, the switching signal is triggered.

LFBS-01511.0

### Specifications

|                       |                             |
|-----------------------|-----------------------------|
| Type of sensor        | liquid level                |
| Operating temperature | -40...85°C                  |
| Output configuration  | PNP                         |
| Connection            | connector M12               |
| Sensors features      | programmable                |
| Supply voltage        | 12...30V DC                 |
| Mounting              | G 1/2" for reverse assembly |
| IP rating             | IP67                        |
| Number of pins        | 4                           |
| Operation modes       | DARK-ON, LIGHT-ON           |
| Related items         | 9701-0001                   |
| Body material         | stainless steel             |

### Equipment Ref

610 Ref. L1, L2, L3

620 Ref. L1, L2, L3, L4, L5, L6, L7, L11, L12

621 Ref. L1, L2, L3, L4, L5, L6, L7, L11, L12

830 Ref. L1, L2, L3, L4, L5, L6, L7, L11, L12

810 Ref L2

812 Ref L2

**Specification**

|                      |  |
|----------------------|--|
| Spare Part Type      |  |
| Electrical Component |  |
| Spare Part Group     |  |
| Sensor               |  |
| Stock Type           |  |
| Standard Stock       |  |