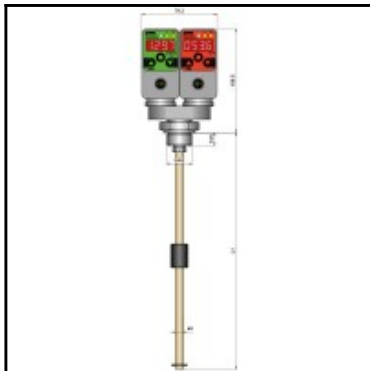


## Datasheet of SCLTSD-250-00-07 SensoControl LevelTempController SCLTSD



### Description

Level and temperature controller, installation length 250 mm, 2 switching outputs; no analogue output, IP 67

With the LevelTempController it is possible to set and display the temperature and the level separately on a common platform. The integration of level and temperature unfolds its potential in a unique way, especially in tank monitoring.

The LevelTempController combines the functions of a level/temperature switch, a level/temperature sensor and a level/temperature display:

- Level/temperature display (thermometer/sight glass)
- Switching outputs
- Analog signal

### Device characteristics:

- Proven measuring system
- Rotatable
- Level indicator
- mm/inch/% display
- High & Low Indicator
- Analog output
- Switching outputs
- Just one hole
- No stillpipe required
- Replacement for several mechanical switches

### Details

|                                  |                                                                                                                                                         |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| Protection:                      | IP 67                                                                                                                                                   |
| Length in mm:                    | 250                                                                                                                                                     |
| Material body:                   | die-cast zinc Z 410; painted                                                                                                                            |
| Precision:                       | $\pm 1\% \text{ FS} \pm 1 \text{ digit at } 25^\circ\text{C (level)}$<br>$\pm 0.35\% \text{ FS} \pm 1 \text{ digit at } 25^\circ\text{C (temperature)}$ |
| Sampling rate:                   | < 700 ms (level)<br>< 300 ms (temperature)                                                                                                              |
| Weight in kg:                    | 1,02                                                                                                                                                    |
| Connection:                      | Male thread 3/4"                                                                                                                                        |
| Number of outputs:               | 2 switching outputs; no analog output                                                                                                                   |
| Power supply:                    | 15...30 VDC nominal 24 VDC; Protection class 3                                                                                                          |
| Display:                         | 4-digit 7-segment LED; red; Digit height 9 mm                                                                                                           |
| Maximum working pressure in bar: | 1                                                                                                                                                       |
| Working temperature:             | -20°C to +85°C                                                                                                                                          |
| Electrical connection:           | Circular connector M12x1; 4 pin                                                                                                                         |

### Dimensions

|               |     |
|---------------|-----|
| Length in mm: | 250 |
|---------------|-----|