# 50m Level Sensor
## DATASHEET

I2C level sensor for smart water systems

**SPHERAG**

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I2C level sensor for smart water systems                    SPH-SIW-231

## Overview

This submersible Spherag level sensor enables precise water monitoring within 50m, aiding resource management and offering durable waterproof protection.

| General specifications | | |
|---|---|---|
| | Working temperature | -10 ~ 70 °C |
| | Supply voltage | 3.3Vdc |
| | Interface | I2C |

| Mechanical specifications | | |
|---|---|---|
| | Sensor dimensions | 125 x 26.2Ø mm |
| | Cable length | 51 m |
| | Weight | 6.5 kg |
| | Material | Stainless steel |
| | IP rating | IP68 |

| Level measurement | | |
|---|---|---|
| | Type | Submersible |
| | Range | 0 ~ 50 m |
| | Resolution | 0.01m |
| | Accuracy | 0.25%FS |
| | Temperature compensation | -10 ~ 80 °C |