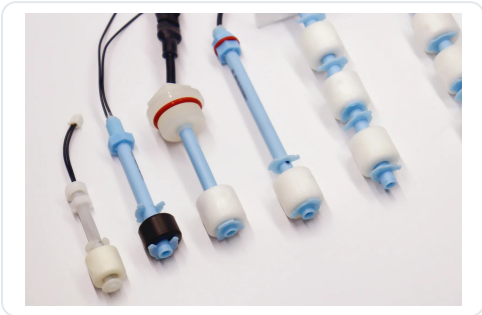


Industrial Liquid Level Sensors

SFL float level switch · SLS submersible level transmitter · SEU ultrasonic level sensor · CDU coolant level sensor



SEGMENTsensor liquid level sensors cover point-level switching and continuous level measurement for industrial tanks: magnetic float switches for alarms, hydrostatic submersible transmitters from 0–0.5 m to 0–200 m H₂O with ±0.1 % FS accuracy, non-contact ultrasonic sensors to 15 m, and a 25–1200 mm coolant level sensor for data-centre CDUs and battery energy storage.

- Point & continuous level
- 0–200 m H₂O
- ±0.1 % FS
- 4–20 mA · RS485 · relay
- IP68 submersible
- CDU coolant level

TECHNICAL SPECIFICATIONS

Parameter	SFL float switch	SLS submersible transmitter	SEU ultrasonic sensor	CDU coolant sensor
Principle	Magnetic float + reed switch	Hydrostatic pressure	Ultrasonic transit-time	Ultrasonic non-contact
Measurement	Point level (ON/OFF)	Continuous	Continuous	Continuous
Range	Tank depth to 10 m (multi-float)	0–0.5 m to 0–200 m H ₂ O	0.25–15 m (blind zone 25 cm)	25–1200 mm
Accuracy	—	±0.1 % to ±0.5 % FS	±0.3 % FS	±1 mm (≤300 mm)
Output	Relay / SSR / 4–20 mA	4–20 mA / 0–10 V / RS485 Modbus	4–20 mA + 2× relay	4–20 mA + 2× relay
Supply	AC 230 V / DC 12–36 V	DC 12–36 V (2-wire)	DC 12–36 V	DC 12–24 V
Temperature	–40 °C to +120 °C	–20 °C to +80 °C (liquid)	–20 °C to +70 °C	–10 °C to +60 °C
Protection	IP67 / IP68	IP68 continuous submersion	IP67	IP67
Wetted material	PP / PVDF / 316L	316L / titanium	ABS / 316L probe	—
Process connection	Side / top / flanged	Cable-suspended / G½	G¾ / G1 / flanged	Top mount G¾ / bracket
Certifications	CE, RoHS, ATEX II 2G (opt.)	CE, RoHS, ATEX II 2G (opt.)	CE, RoHS	CE, RoHS

TYPICAL APPLICATIONS

- Oil & gas storage tanks
 - Water & wastewater
 - Chemical vessels
 - Food & beverage
- Data-centre CDU liquid cooling
 - Battery energy storage
 - HVAC & building services
 - Marine & offshore

OEM OPTIONS

Custom cable length (PUR/FEP) · float material and switch points · titanium / PVDF for corrosive media · ATEX II 2G versions · private label

SELECTION FAQ

- Which sensor for a corrosive chemical tank?**

SLS in titanium or SFL in PVDF for wetted parts; specify the medium and we confirm compatibility.
- Can the CDU coolant sensor work with dielectric fluids?**

Yes—dielectric coolant, DI water, PAG and PGW are supported without contact with the liquid.

Request a quote or samples — we reply within 24 hours

- Emailinfo@segmensensor.com
- Online formwww.segmensensor.com/contact.html
- Product pagewww.segmensensor.com/products/liquid-level-sensor.html
- OrderingMOQ 10 pcs · samples 1–5 pcs in 5–7 days · production 3–5 weeks



Scan for full specifications