

SI-7000 Specifications



Level

- Range: 5 m (longer check w/factory)
- Resolution: < 1 mm
- Accuracy: < ± 2 mm
- Top and Bottom reference

Temperature

- Sensor Range: -200°C to $+50^{\circ}\text{C}$
- Resolution: 0.01
- Accuracy: $\pm 0.1^{\circ}\text{C}$

Density

- Oscillating Spool
- Range: 400 to 1000 kg/m³
- Resolution: 0.01 kg/m³
- Accuracy: ± 0.5 kg/m³

Electrical

- Power Supply
- 85-264 VAC, 47-63 Hz, 150 W

Communications

- (2) Standard RS-485 MODBUS

Sensor Isolation

- Intrinsically Safe

Physical

Maximum Operating Pressure

- 400 mbarg (for higher, consult factory)

Protection Class

- Designed to meet IP65

Mounting Flange

- Standard 6" ANSI 150#RF
(more available upon request)

Sensor Drive

- Stainless Steel Chain

Housing Material

- 316 Stainless Steel

Safety Certification

- IECEx / ATEX , cml Ex , PESO,
UL / CSA

Seismic Rating

- Designed to meet 3.0G (testing required)

Stilling Well

- With or Without (Consult Factory)

Isolation Valves

- External Pinch Valve (Required)

Ambient Temperature

- - 40°C to $+60^{\circ}\text{C}$

Dimensions

- 125 (50) \times 76 (30) \times 37 (15) cm (in.)
- Weight: 180 (396.8) kg(lbs.)