**Model 201 Liquid Level Control**

Operating Pressures to 500 PSIG, 34 bar, Hermetically Sealed Snap Switch Option

**Specifications**

- **Service:** Compatible liquids.
- **Wetted Materials:** Body: Carbon steel. Optional 316 SS, Float and trim: 303 SS, 304 SS, 316 SS, and 430 SS. Options of 316 SS and 430 SS or all 316 SS.
- **Temperature Limit:** Process: 750°F (399°C). Heat fins should be used for process temperatures above 500°F (260°C) with mercury switches, 400°F (204°C) with snap switches, and 350°F (176.7°C) with hermetically sealed snap switches.
- **Pressure Limit:** 600 psig (41 bar) at 100°F (37.7°C), 500 psig (34 bar) at 750°F (399°C).
- **Repeatability:** ±1/₄˝ (6.4 mm).
- **Switch Type:** SPDT snap switch, hermetically sealed snap switch or mercury switch. Optional DPDT or two stage.

**Application**

Heavy-duty and low cost is the perfect description for the 391 Series level control. SS switching mechanism uses gravity return action instead of springs for long life. Weatherproof enclosure is standard. Welded steel chamber is good for 650 psig (45 bar) at 600°F (315°C).

**Applications**

- Oil refineries, chemical plants, power generating stations, pumping stations, heat transfer systems, sanitary/waste water facilities, drip legs, hydraulic systems, boilers.

**Electrical Rating**

- Snap switch: 12A @ 120 VAC, 5A @ 240 VAC, 0.5A @ 125 VDC resistive, 0.25A @ 250 VDC resistive; Hermetically sealed snap switch: 5A @ 125 VAC, 5A @ 240 VAC, 5A @ 30 VDC resistive. Mercury switch: 4A @ 120 VAC/DC, 2A @ 240 VAC/DC. Higher contact ratings available for the mercury switch.
- Conduit Connection: 3/4˝ female NPT.
- Process Connections: 1˝ female NPT and 1˝ socket weld hub. Optional flange connections.
- Mounting Orientation: Vertical.
- Set Point Adjustment: ± 1/₄˝ (6.4 mm).
- Switch Type: SPDT snap switch, hermetically sealed snap switch or mercury switch. Optional DPDT or two stage.

<table>
<thead>
<tr>
<th>Model</th>
<th>Switch Type</th>
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</thead>
<tbody>
<tr>
<td>201-WT-4810-C1-60</td>
<td>SPDT Mercury</td>
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<tr>
<td>201-WT-7810-C1-60</td>
<td>SPDT Snap</td>
</tr>
<tr>
<td>201-WT-7810HM-C1-60</td>
<td>SPDT Hermetically Sealed Snap</td>
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</tbody>
</table>

**Model 391 Liquid Level Control**

Compact, Low Cost, Hermetically Sealed Snap Switch Option

**Specifications**

- **Service:** Compatible liquids.
- **Wetted Materials:** Body: Carbon steel; Float and trim: 303 SS, 304 SS, 316 SS, and 430 SS.
- **Temperature Limit:** Process: 600°F (315.6°C). Heat fins should be used for process temperatures above 500°F (260°C) with mercury switches, 400°F (204°C) with snap switches, and 350°F (176.7°C) with hermetically sealed snap switches.
- **Pressure Limit:** 800 psig (55 bar) at 100°F (37.7°C), 650 psig (45 bar) at 600°F (315.6°C). Higher ratings available.
- **Enclosure Rating:** NEMA 4X (IP66). Optional general purpose or explosion-proof.
- **Repeatability:** ±1/₄˝ (6.4 mm).
- **Switch Type:** SPDT snap switch, hermetically sealed snap switch or mercury switch. Optional DPDT.

**Application**

- Oil refineries, chemical plants, power generating stations, pumping stations, heat transfer systems, sanitary/waste water facilities, drip legs, hydraulic systems, boilers.

**Electrical Rating**

- Snap switch: 12A @ 120 VAC, 5A @ 240 VAC, 0.5A @ 125 VDC resistive, 0.25A @ 250 VDC resistive; Hermetically sealed snap switch: 5A @ 125 VAC, 5A @ 240 VAC, 5A @ 30 VDC resistive. Mercury switch: 4A @ 120 VAC/DC, 2A @ 240 VAC/DC. Higher contact ratings available for the mercury switch.
- Conduit Connection: 3/4˝ female NPT.
- Process Connections: 1˝ female NPT and 1˝ socket weld hub. Optional flange connections.
- Mounting Orientation: Vertical.
- Set Point Adjustment: ± 1/₄˝ (6.4 mm).
- Switch Type: SPDT snap switch, hermetically sealed snap switch or mercury switch. Optional DPDT.

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<td>391-WT-7810HM-C1-80</td>
<td>SPDT Hermetically Sealed Snap</td>
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