MODELS

**Adjustable deadband** makes Model 500 ideal for control of level in large or small tanks. Mounts directly to threaded fitting on tank. (Flanged mounting available on special order.) Stainless steel float operates hermetically sealed mercury switch or SPDT snap action switch. Available in a variety of materials to match most petrochemical and industrial applications.

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Switch Type</th>
<th>Body Material</th>
</tr>
</thead>
<tbody>
<tr>
<td>500T-7810-C5-12-0</td>
<td>Snap Action</td>
<td>Cast Iron</td>
</tr>
<tr>
<td>500T-7810-C4815-0</td>
<td>Snap Action</td>
<td>Cast Steel</td>
</tr>
<tr>
<td>500T-7810-C4816-55-12-0</td>
<td>Mercury</td>
<td>Cast Iron</td>
</tr>
</tbody>
</table>

**SPECIFICATIONS**

**Service:** Compatible liquids. Cast iron is not for use with lethal or flammable substances either liquid or gaseous.

**Wetted Materials:**
- Body: Cast iron, cast steel, or 316 SS. Float and Trim: 316 SS.
- Temperature Limit: 425°F (218°C).
- Pressure Limit: 400 psig (27.6 bar).
- Enclosure Rating: NEMA 4X. Optional general purpose or explosion-proof.
- Switch Type: SPDT snap switch or mercury switch. Optional DPDT or hermetically sealed snap switch.
- Electrical Rating: Snap Switch: 12A @ 120 VAC, 5A @ 240 VAC, 0.5A @ 125 VDC resistive, 0.25A @ 250 VDC resistive. Mercury Switch: 4A @ 120 VAC/DC, 2A @ 240 VAC/DC. Higher contact ratings available for the Mercury switch.
- Electrical Connections: Screw terminal.
- Conduit Connection: 3/4 female NPT.
- Process Connections: 2-1/2˝ male NPT. Optional 2-1/2˝ flange.
- Mounting Orientation: Vertical.
- Set Point Adjustment: At minimum deadband setting the set point is adjustable approximately ±1/2˝ (12.7 mm).
- Weight: 35 lb (15.9 kg).
- Agency Approvals: UL.
- Deadband: Adjustable between 0.5˝ (12.7 mm) to 3˝ (76.2 mm).
- Specific Gravity: 0.8 minimum. Optional 0.55 minimum.
- Float and Rod Insertion Length: 5.5˝ (165.1 mm). Optional 12˝ (304.8 mm), 18˝ (457.2 mm), or 24˝ (609.6 mm) rod length. Longer float rods give larger adjustable deadband.

**Series 75**

**Torque Tube Design** eliminates O-rings and packing in Model 75 level controls. Float assembly removes easily from chamber for periodic inspection. “Flow Through” connections reduce piping requirements and installation time.

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Chamber</th>
<th>Torque Tube</th>
</tr>
</thead>
<tbody>
<tr>
<td>75KM-A-4815</td>
<td>Cast Iron</td>
<td>Brass</td>
</tr>
<tr>
<td>75KM-A-14815</td>
<td>Cast Steel</td>
<td>Brass</td>
</tr>
<tr>
<td>75KM-A-24815</td>
<td>304 SS</td>
<td>Brass</td>
</tr>
<tr>
<td>75KM-C-4815</td>
<td>Cast Iron</td>
<td>304 SS</td>
</tr>
<tr>
<td>75KM-C-14815</td>
<td>Cast Steel</td>
<td>304 SS</td>
</tr>
<tr>
<td>75KM-C-24815</td>
<td>304 SS</td>
<td>304 SS</td>
</tr>
</tbody>
</table>

**SPECIFICATIONS**

**Service:** Compatible liquids. Cast iron is not for use with lethal or flammable substances either liquid or gaseous.

**Wetted Materials:**
- Body: Cast iron, cast steel, or 304 SS. Float: 304 SS.
- Temperature Limit: 425°F (218°C).
- Pressure Limit: Cast iron body: 425°F (218°C), cast steel or 304 SS body: 500°F (260°C).
- Enclosure Rating: Cast iron body: 300 psig (20.7 bar), cast steel or 304 SS body: 400 psig (27.6 bar).
- Switch Type: SPDT mercury switch. Optional SPST or two stage.
- Electrical Rating: 10A @ 120 VAC/DC, 5A @ 240 VAC/DC.
- Electrical Connections: Screw terminal.
- Conduit Connection: 3/4˝ (19.05 mm) socket for 1/2˝ (12.7 mm) conduit.
- Process Connections: 3/4˝ (19.05 mm) female NPT.
- Mounting Orientation: Vertical.
- Weight: 35 lb (15.9 kg).
- Agency Approvals: UL and CSA.
- Deadband: Approximately 1˝ (25.4 mm).
- Specific Gravity: 0.86 minimum.

**CALL TO ORDER:**
- U.S. Phone 219 879-8000
- U.K. Phone (+44) (0)1494-461707
- Asia Pacific Phone 61 2 4272-2055

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