Customize a level system to suit your application requirements. The F7-MLK Multi-Level Switch Kit contains all the components necessary for the design and fabrication of a 1 or 2 station level switch for pipe plug mounting. User can customize stem length (maximum 36˝), actuation point, distance between floats, and lead wire lengths. The switch kit is ideal for general purpose, low specific gravity, and gas and oil applications. Model F7-MLK includes two level stations (switch, tube, and Buna-N float), two brass extension tubes 12˝ length, four brass tube unions, one end fitting, and one mounting plug.

Model F7-MLK, Multi-Level Switch Kit

### Model F7-MLK2, Multi-Level Switch Kit

The F7-MLK2 Multi-Level Switch Kit contains all the components necessary for the design and fabrication of a 1 or 2 station level switch for pipe plug mounting. The user can customize stem length (maximum 36˝), actuation point, distance between floats, and lead wire lengths. Model F7-MLK2 is constructed of 316 SS—ideal for chemicals, corrosive liquids, oils, or high pressure applications. Model F7-MLK2 includes two level stations with floats (switch, tube, and float), two extension tubes 10˝ (254 mm) length, three tube unions, one tube connector, one end fitting, and one mounting plug.

Model F7-MLK2, Multi-Level Switch Kit

## Specifications

**Model F7-MLK**

- **Service**: Compatible liquids.
- **Wetted Materials (Float/Stem)**: Buna-N/Brass.
- **Temperature Limits**: 221°F (105°C).
- **Pressure Limits**: 150 psig (10 bar).
- **Switch Type**: SPST, normally open or normally closed.
- **Electrical Rating**: 60 Watts: 0.4A @ 220 VAC, 0.5A @ 110 VAC, 0.2A @ 120 VDC, 0.5A @ 24 VDC.
- **Electrical Connections**: 22 AWG x 72˝ (183 cm) leads.

**Model F7-MLK2**

- **Service**: Compatible liquids.
- **Wetted Materials (Float/Stem)**: 316 SS.
- **Temperature Limits**: -40 to 275°F (-40 to 135°C).
- **Pressure Limits**: 750 psi (52 bar).
- **Switch Type**: SPST, selectable N.O. or N.C.
- **Electrical Rating**: 20 VA: 0.8A @ 240 VAC, 0.17A @ 120 VAC, 0.3A @ 30 VDC.
- **Electrical Connections**: 18 AWG x 60˝ (152 cm) leads.

## Dimensions

<table>
<thead>
<tr>
<th>Component</th>
<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tube Diameter</td>
<td>1/2˝ O.D.</td>
</tr>
<tr>
<td>Minimum Specific Gravity</td>
<td>0.45</td>
</tr>
<tr>
<td>Weight</td>
<td>3.5 lb (1.6 kg)</td>
</tr>
<tr>
<td>Weight</td>
<td>3.3 lb (1.6 kg)</td>
</tr>
</tbody>
</table>