**Model F7-MLK**

Multi-Level Switch Kit

One or Two Station Level Switch, Vertically Mount

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, gas and oil applications. Model F7-MLK includes two level stations (switch, tube, and Buna-N float), two brass extension tubes 12” for general purpose, low specific gravity, gas and oil applications. Model F7-MLK includes 36” 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. Model F7-MLK includes 361 stainless steel, one or two station level switch, vertically mount.

**Model F7-MLK2**

Multi-Level Switch Kit

316 Stainless Steel, One or Two Station Level Switch, Vertically Mount

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 end fitting, and one mounting plug.

**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 closed.
- Electrical Rating: 60 Watts: 0.4A @ 120 VAC, 0.5A @ 240 VAC, 60 Watts: 0.4A @ 120 VAC, 0.5A @ 240 VAC.

**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 NO or NC.
- Electrical Rating: 20 VA: 0.8A @ 240 VAC, 0.17A @ 120 VAC, 0.3A @ 30 VDC.

**Electrical Connections**

- Model F7-MLK: 22 AWG x 72” (183 cm) leads.
- Model F7-MLK2: 18 AWG x 60” (152 cm) wire leads.

**Minimum Specific Gravity**

- Model F7-MLK: 0.25.
- Model F7-MLK2: 0.75.

**Weight**

- Model F7-MLK: 3.5 lb (1.6 kg).
- Model F7-MLK2: 3.3 lb (1.6 kg).

**Process Connections**

- Model F7-MLK: 2” male NPT pipe plug.
- Model F7-MLK2: 2” male NPT pipe plug.

**Mounting Orientation**

- Model F7-MLK: Up to 30° angle from vertical.
- Model F7-MLK2: Up to 30° angle from vertical.

**Stem Length**

- Model F7-MLK: 36” (91 cm) maximum.
- Model F7-MLK2: 36” (91 cm) maximum.

**Tube/Diameter**

- Model F7-MLK: 1/2” OD.
- Model F7-MLK2: 1/2” OD.

**Minimum Specific Gravity**

- Model F7-MLK: 0.25.
- Model F7-MLK2: 0.75.

**Weight**

- Model F7-MLK: 3.5 lb (1.6 kg).
- Model F7-MLK2: 3.3 lb (1.6 kg).

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