

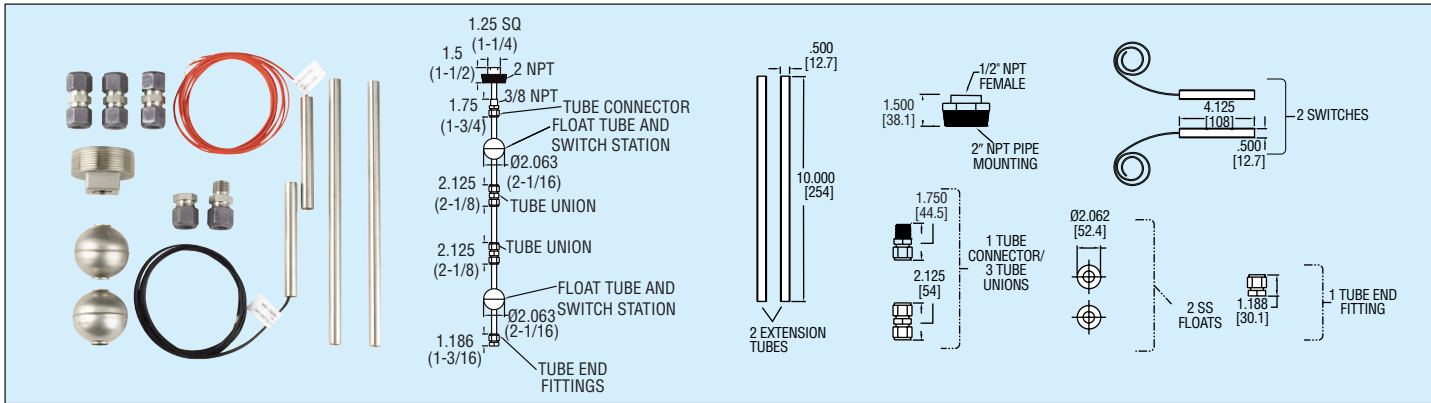


Model  
F7-MLK2

# 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 stainless steel—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.

## POPULAR MODEL

Model F7-MLK2 Multi-Level Switch Kit

## SPECIFICATIONS

**Service:** Liquids.

**Wetted Materials (Float/Stem):** 316 Stainless Steel.

**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) wire leads.

**Process Connections:** 2" male NPT pipe plug.

**Mounting Orientation:** Up to 30° angle from vertical.

**Minimum Specific Gravity:** 0.75.

**Tube Diameter:** 1/2" O.D.

**Stem Length:** 36" (91 cm) maximum.

**Weight:** 3.3 lb (1.6 kg).

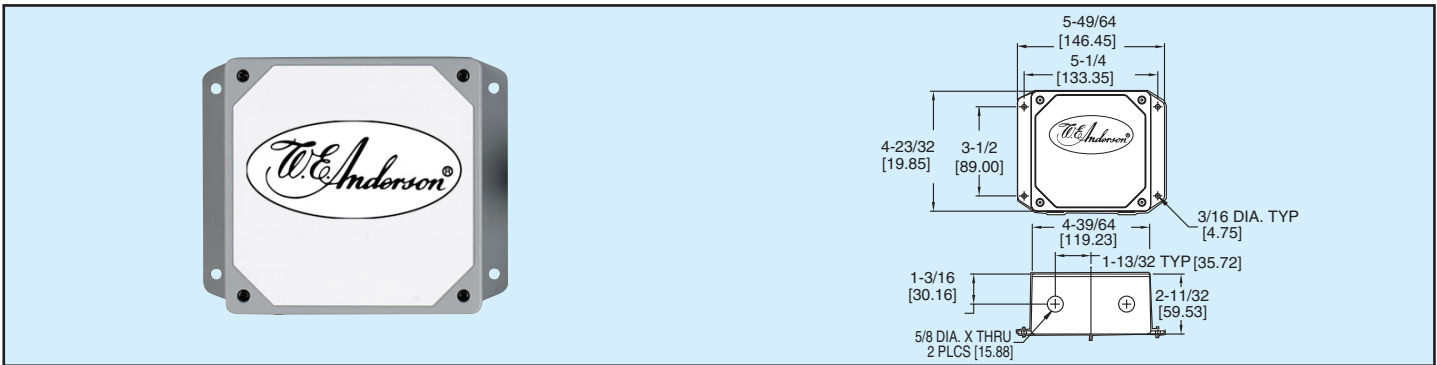
**Agency Approvals:** UL, CE.



Series  
PCP

# Relay/Controller/Power Supply

10A SPDT Relay, 24 VDC Power Supply, Latching Circuit for Level Control



The Series PCP level controller is designed to be a power supply, an external relay, and a latching relay for differential level control with two level switches. As a power supply the PCP can step down line voltage to 5 or 24 VDC to power NPN switches such as the OLS and PC level switches or to power a transmitter. The PCP can function as an external relay to increase switching capability by providing up to a 10A SPDT contact for direct control of moderate loads. As a latching relay the PCP can be used with any two normally open level switches and provide level control for pumps. The latching circuit can also be used to hold the relay in an actuated state until manually reset.

## STOCKED MODELS

Model Number	Electrical Rating of Contact		Max. Switching Capacity
	120 VAC	30 VDC	
PCP-10	10A	5A	1250 VA, 150 W
PCP-5	5A	5A	600 VA, 150 W
PCP-1	0.5A	1A	62.5 VA, 33 W

## SPECIFICATIONS

**Inputs:** One or two normally open switches.

**Output Type:** SPDT switch.

**Output Rating:** See model chart.

**Control Type:** On/off with manual reset capability.

**Power Requirements:** 24 VDC, 24 VAC, 120 VAC, or 240 VAC.

**Power Consumption:** DC power: 15 mA maximum, AC power: 55 mA maximum.

**Ambient Operating Temperature:** 0 to 140°F (-18 to 60°C).

**Weight:** 1.06 lb (0.48 kg).

**Enclosure Rating:** General purpose.

**Loop Power Supply:** 5 or 24 VDC regulated. 200 mA maximum.

**Mounting Orientation:** Horizontal or vertical.