

Switch-Pak™ with Compact Relay Controller

Application

This general purpose switch package provides a complete solution for high level spill prevention with a fixed level switch point and 10A compact relay controller for pump or valve actuation. The optional flash alarm brings immediate attention to tank high level conditions. The product is typically selected for corrosive bulk storage, day tank and waste sump applications. Specify the appropriate sensor technology, material and assembly dimension.

Features

- Fail-safe relay control of pumps and valves with 0-60 second time delay
- PP or PVDF construction for use in challenging corrosive environments
- Offered in 3 sensing technologies for broad application coverage
- Optional strobe brings immediate attention to tank alarm conditions
- PP enclosure rated NEMA 4X with 300° conduit swivel base



Specifications

Length:	6" to 10' (15cm to 3m)
Switch points:	1 (set by factory)
Supply voltage:	120/240 VAC @ 50-60 Hz.
Contact type:	(1) SPST relay
Contact rating:	250 VAC @ 10A
Process temp:	F: -40° to 176° C: -40° to 80°
Pressure:	150 psi (10 bar)
Wetted material:	PP / PVDF
Conduit entrance:	1/2" NPT
Enclosure rating:	NEMA 4X (IP65)
Process mount:	2" NPT (2" G)
Classification:	General purpose

Tech Tip

The AC powered relay controller has a 10A relay, adjustable time delay, LED indicators, NO or NC invert switch and UL fire retardant PP enclosure.

Sensor Technology

Ultrasonic
Broadly applied in chemical, solvent, hydrocarbon and light weight oil media

Vibration





Typically applied in wastewater media with light coating and/or foaming characteristics

Buoyancy
Best applied in clean water or water-like chemical media that is non-coating or scaling.

Order

A 13- 2 -

<p>Sensor technology (1) Z Vibration U Ultrasonic V Buoyancy</p> <p>Wetted material (2) 4 PP 5 PVDF</p> <p>Configuration (3) (4) 1 Controller with Strobe Alert 2 Controller only</p> <p>Process mount (5) (6) 3 2" NPT (US) 7 1 1/2" G (Metric)</p> <p>Dimensions (7) A Specify (PP) (PVDF)</p>	<p>Ordering Notes</p> <ol style="list-style-type: none"> 1) Select the best sensor technology based upon your application. 2) The following are the available wetted materials for each sensor technology: Ultrasonic: 4 and 5 type Vibration: 4 type only Buoyancy: 4 and 5 type 3) To factory configure for 240 VAC, place an E at the end of the P/N: (ie: AU13-4213-14"-E). 4) To order the CE configuration, place CE at the end of the P/N: (ie: AU13-4213-14"-CE). 5) The straight G thread version seals with an included Viton® mounting gasket. 6) For installation on open tanks, order the LM50-1001 (2" NPT) or LM50-1061 (2" G) side mount bracket. 7) Specify the A-dimension at the end of the part number (ie: AU13-4223-17"). The A-dimension may be specified in 1/2" (1.3 cm) increments from 6" to 10' (15 cm to 3m).
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