

Switch-Pro™ with Compact Relay Controller

Application

Installed through the side wall, this general purpose high or low level switch package includes a 10A compact relay controller for pump or valve actuation with an optional flash alarm. The product is typically selected for bulk storage, day tank and process vessel applications. Specify the appropriate sensor technology and material.

Features

- Fail-safe relay control of pumps and valves with 0-60 second time delay
- PP, Ryton® or PFA wetted material for challenging corrosive liquids
- Optional strobe brings immediate attention to tank alarm conditions
- Offered in 2 sensing technologies for broad application coverage

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. The optional Strobe Alert flashes during a high or low level alarm condition.



AU13-1120
Shown

Specifications

- Orientation: ± 20° horizontal
- 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: AU13: PP/PFA
AZ13: Ryton®
- Conduit entrance: 1/2" NPT
- Enclosure rating: NEMA 4X (IP65)
- Process mount: 3/4" NPT (3/4" G)
- Classification: General purpose

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



Ultrasonic
Shown



Vibration
Shown

A 13- 1

Sensor technology (1)

- Z Vibration
- U Ultrasonic

Wetted material (2)

- 1 PP
- 2 PFA

Configuration (3) (4)

- 1 Controller with Strobe Alert
- 2 Controller only

Process mount

- 0 3/4" NPT (US)
- 4 3/4" G (Metric)

Ordering Notes

- 1) Select the best sensor technology based upon your application.
- 2) The following are the available wetted materials for each sensor technology:
Ultrasonic: 1 and 2 type
Vibration: 1 type only
- 3) To factory configure for 240 VAC, place an E at the end of the P/N: (ie: AU13-1120-E).
- 4) To order the CE configuration, place CE at the end of the P/N: (ie: AU13-1120-CE).

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