

Switch-ProTM with Compact Junction Box

Application

Installed through the side wall and offered in CSA approved intrinsically safe or general purpose configurations, this high or low level switch package includes a 1A relay for remote PLC, SCADA or alarm interface. The product is typically selected for bulk storage, day tank and process vessel applications. Specify the appropriate sensor technology and material.

Features

Corrosive single-point level detection with contact for PLC or control input PP, Ryton® or PFA wetted material for challenging corrosive liquids Offered in 2 sensing technologies for broad application coverage PP enclosure rated NEMA 4X with 300° conduit swivel base

Tech Tip

For process automation with pumps, valves and alarms, package your level switch with our remote relay controllers.





Sensor Technology

Ultrasonic

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

Vibration

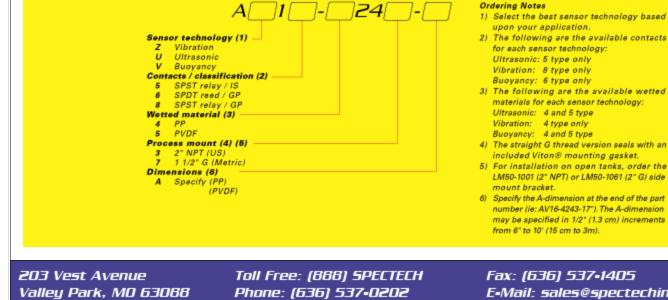
Typically applied in wastewater media with light coating and/or foaming characteristics

Specifications	
Orientation:	$\pm 20^{\circ}$ horizontal
Process temp:	F: -40° to 176°
	C: -40° to 80°
Pressure:	150 psi (10 bar)
Wetted material:	AU1_: PP/PFA
	AZ1_: Ryton®
Conduit entrance:	1/2" NPT
Process mount:	2" NPT (2" G)
Supply voltage:	12-36 VDC
Contact type:	(1) SPST relay
Contact rating:	GP: 60 VA
	IS: 32 VDC @ 0.5A
Classification:	Intrinsically safe
Supply voltage:	12-30 VDC
Contact type:	(1) SPST relay
Contact rating:	60 VA
Classification:	General purpose





Order



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- 1) Select the best sensor technology based upon your application.
- 2) The following are the available contacts for each sensor technology: