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Float-PointTM with Compact Junction Box

Application

Offered in FM and CSA approved explosion proof or general purpose configurations, this switch package provides up to four level switch points with a dry contact closure interface for remote devices such as a PLC or SCADA. The product is typically selected for high temperature and/or pressure process vessel applications located within a classified hazardous or general purpose area. Media examples include nickel acid or fuel oil. Specify the appropriate assembly dimensions.

Features

High temp-pressure multi-point level detection with contacts for PLC input Rugged 316 stainless steel float, guide and 2" NPT mounting plug Offered with aluminum NEMA 7 or PP NEMA 4X enclosures Custom assembled to your exact guide length and float dimensions



Specifications

Length: 4" to 6' (10cm to 1.8m)
Switch points: 1-4 (set by factory)
Contact type: (1-4) SPDT reed

Contact rating: 20 VA

Process temp.: F: -40° to 300°

C: -40° to 148.9°

Pressure: 750 psi (51.7 bar)

Guide/float matl.: 316 ss

Exposure rating: S443: NEMA 4X (IP65)

S453: NEMA 7

Encl. material: S443: PP, UL94VO

SS453: Aluminum

Conduit entrance: 1/2" NPT

Process mount: 2" NPT (2" G)

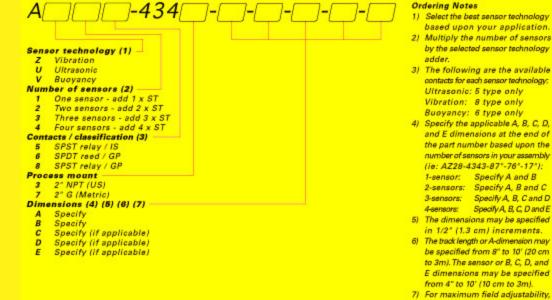
Classification: S443: General purpose S453: Explosion proof



Tech Tip

The general purpose compact junction box is constructed of UL approved fire retardant PP and comes pre-wired with a 12-pole terminal strip. The FM and CSA approved explosion proof configuration is provided with a cast aluminum enclosure for use in Class I, Division I, Groups B, C & D; Class II, Groups E, F and G hazardous area applications.





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specify all sensor dimensions equal to the A-dimension.

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