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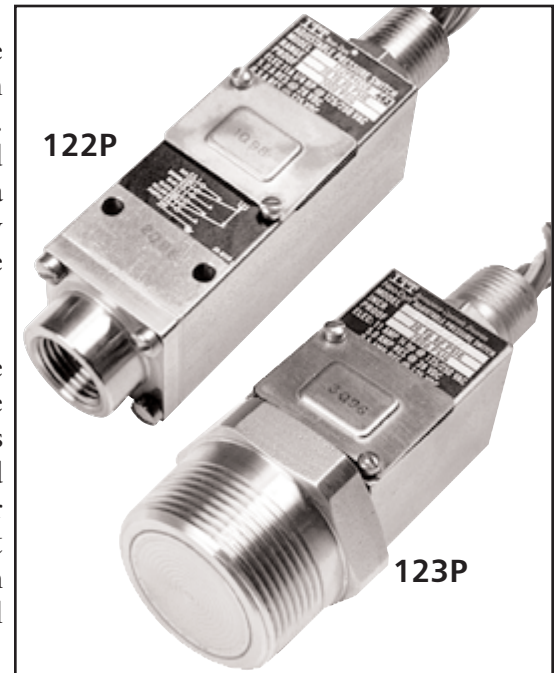
Competitive Options and Solutions in 316 SS Enclosure Switches

Chemical Process Industries (CPI) & Offshore application switches for hazardous, severe and corrosive (ambient and process) installations

In today's competitive instrumentation market, many instrumentation sensor manufacturers' and their aggressive sales forces seek to place us at a competitive disadvantage by over specifying 316 SS housing/enclosures. 316 SS has now become the de facto standard for most instruments/sensors. Consequently, many engineers arbitrarily select this material when completing instrumentation specification sheets, without giving much thought to actual necessity.

As we all know from experience, it's best to take the least amount of exceptions when preparing a quote and responding to a bid. Particularly on lower cost instruments and accessories. It's not likely buyers will convene a committee to review these criteria and simply consider only those bids that don't require exception.

Our catalog index and product bulletins are somewhat vague on addressing this topic and the only published guide or reference source available is our "Model Selection by Market Guide" and "Switches Made Easy" sales tools (website). Our standard switch enclosures (traditional/standard & compact) are fabricated from cast aluminum, which are generally suitable for the majority of industrial field or panel mounted applications.



The often overlooked and under quoted model 122P Chemical Process Industries Switch is an excellent alternative when seeking comparative model selection and compliance, particularly when the application demands 316 SS material (enclosure/body & wetted).

This family of 316SS enclosure switches is further expanded with the 112P (ANSI Flange Diaphragm – optional wetted materials) and 123P (flush weld 316 SS wetted only) all specifically designed to meet these material criteria.

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For more information, please visit www.neodyn.com



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Competitive Options and Solutions in 316 SS Enclosure Switches (continue)

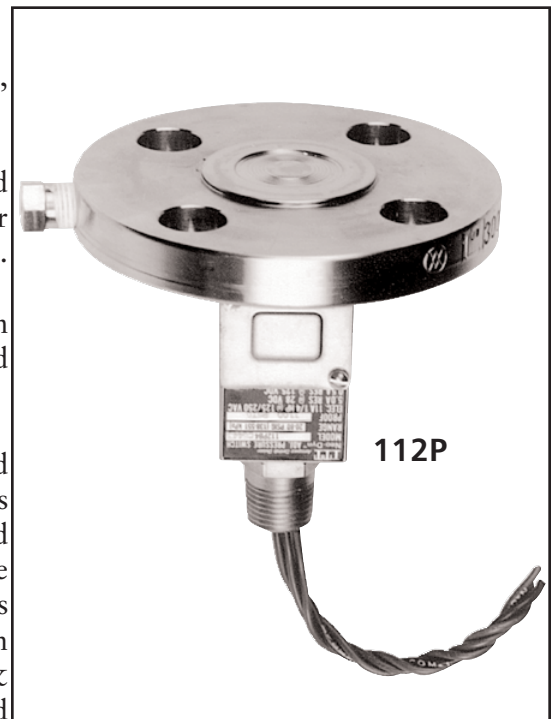
Chemical Process Industries (CPI) & Offshore application switches for hazardous, severe and corrosive (ambient and process) installations

The Model 122P wetted diaphragms are available in 316SS, Hastelloy C, Inconel, Tantalum and of course our old favorite Polyimide (consult product bulletin for welded options)! The wetted port options available for the 122P are 316SS, Hastelloy C and Monel.

The model 112P includes an integral flanged (150/300# ANSI Steel or 316SS) diaphragm similar to a diaphragm seal, but considerably less expensive.

The 123P is a simple flush mount diaphragm incorporated into the threaded connection, and alternatively less costly than the flanged 112P.

As these switches can also utilize our welded diaphragms (optional on 122P), they excel in viscous slurries and other corrosive and abrasive liquid applications. More importantly, they incorporate the “Belleville Nega-Rate Advantage”, which makes them optimal for applications such as; high vibration/shock; mobile equipment; and skid & panel projects such as filters, compressors and pumps.



As with our traditional switches, the return on investment, near zero maintenance and longevity more than compensate for the perceived higher cost of our “Nega-Rate Sensor” offered by our competition. For a more specific comparison, see “Conventional vs. Neo-Dyn Pressure Switch Design” in our catalog or on our website.

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