

SOSI

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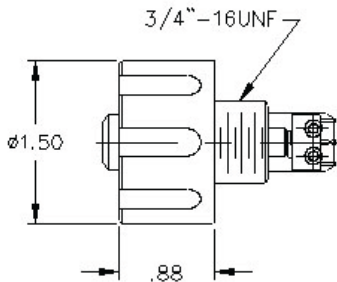
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UNDERWATER PRESSURE ACTIVATED SWITCH

» Model PAS-6000



The SOSI Series PAS-6000 Underwater Pressure Activated Switches are designed and manufactured for use in fresh and/or salt water to depths of up to 6,000 meters. PAS switches can be used for a wide variety of underwater applications including the activation or deactivation of instrumentation and other electrical equipment. These switches are designed to

actuate at relatively shallow depths and can be used to safely turn on or off equipment after it has been deployed from the deck of a support vessel. The switches can be mounted directly in the host instrument housing or they can be positioned externally in their own separate housing.

There are two models available and each can be obtained in either an initially open or initially closed version. Switches utilize a non-corrosive plastic body, a stainless steel piston shaft, and a high repeatability micro-switch. As external pressure is applied to the assembly, the piston shaft slides within the body towards the micro-switch. When the external pressure reaches 30 psi, (approximately 67 ft. of salt water) the micro-switch is activated from open to closed, or vice versa. When the pressure is decreased back below the activation threshold, the Model PAS-3/4 switch will remain in the activated position while the model PAS-3/4A switch will again return to its normally open or closed position.

Thank you for reviewing the Series PAS-6000. Please contact our helpful technical staff if you require assistance with this product. Our team of skilled engineers, designers and trained technicians are ready to assist you with product modifications and solutions to meet your most demanding requirements.

Be it an existing product or a customized package—our mission is to offer innovative engineering, design and quality manufacturing for our diverse and growing global customer base. Take action and make waves with SOSI today!

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Applications

- Oceanographic instrumentation activation/deactivation including:
 - CTD's
 - Releases
 - Cameras
 - Recorders
 - Underwater Lights,
 - Water Samplers,
 - Acoustic Pingers
 - Transponders
- Offshore oil field instrumentation activation/deactivation
- Safety turn on/off
- Instrument activation/deactivation at remote locations

Features

- Non-corrosive engineering plastic base with O-ring seal
- Stainless steel piston shaft, with dual O-ring seal
- Normally open or normally closed
- High repeatability micro-switch with activation and deactivation option
- Standard 3/4-16 UNF threads with additional sizes available
- Pressure tested to 8,800 psi and electrically tested prior to shipment

*Specifications subject to change

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