



# Hydracon Company

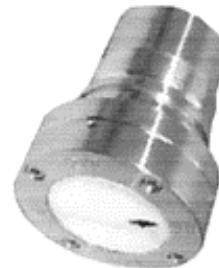
## **AUV Safety Switch -** **Diver Operated Rotary Switch**

### Features:

- HYDRODYNAMIC SHAPE
- SMOOTH OPERATION
- INSENSITIVITY TO AMBIENT PRESSURE
- MAGNET COUPLED

### Specifications:

1. Rotary Switch, diver operated, on-off, 2 position, detented, magnet coupled, 4 internal switches, hydrodynamically shaped to the vehicle's curvature.
2. Normally open switches: Form A, SPST
3. Contact rating: Switching voltage: 230 VDC/VAC max.  
Switching current: 3.0 AMPS max.  
Switching capacity: 60 W/VA max.  
Carrying current: 4.0 AMPS max.
4. Detented rotary knob.
5. Operation: all 4 switches on in "ON" positions,  
all 4 switches off in "OFF" positions.
6. Magnet coupled, no dynamic seals.
7. Thru bulkhead design with dual static o-rings.
8. Leadwires provided. Connector optional.
9. Wet side is submersible to 1,000 ft ocean depth.
10. Materials: stainless steels, delrin.
11. Size: 2.75" max. dia. x 3.4" long
12. Weight: 40 oz. S.S. or 28 oz. Alum.



**Model No.**  
**1811-100**

This switch model was custom designed for use on an Autonomous Underwater Vehicle (AUV). The rotary button is hydrodynamically shaped in the "ON" horizontal position. An optional design can be provided to operate one "Off" and three "ON" positions, and with single or dual redundant switches.

Custom configurations are available. Dimensions available on request.  
Please call for further information.