



HYDRACON SUBSEA

“THE ULTIMATE SUBSEA SWITCH”

Features:

- **NAVSEA QUALIFIED**
- LONG SERVICE LIFE - RELIABILITY
- CORROSION RESISTANT TITANIUM
- SHOCK PRESSURE RESISTANT
- SUBMERSIBLE TO 10,000 PSI AMBIENT
- ZERO POWER CONSUMPTION
- LONG CONTACT LIFE
- BOUNCE FREE SWITCHING
- LOW HYSTERESIS
- ABUNDANT OVERTRAVEL
- HERMETIC SEALED
- **MEETS IPX8 OF IEC 529**
(Protected against continuous immersion)

Specification:

1. **LIMIT SWITCH**, ocean submersible
2. Design pressure: to 10,000 psi ocean ambient
3. Materials: Titanium and Hasteloy
4. Electrical: SPST, N.O. (form A)
Switching Voltage: 500 Volts max.
Switching Current: 2 Amps max.
Contact Rating: 50 Watts max.
Carry Current: 3 Amps max.
5. Stroke: 0.52” full travel, 0.40” overtravel
6. Hysteresis: approx. 0.020”
7. Available with PBOF adaptor (shown)
8. Size: 0.850” dia. x 3.65” long (switch only)
9. Weight: 6 oz. (includes PBOF adaptor)



Model 1812-100

Limit Switch 1812-100 was specifically designed to provide greatly improved reliability, and is used on the Advanced Seal Delivery System (ASDS). Also available as a Nuclear-Radiation-Resistant model. Titanium provides virtual immunity to seawater corrosion.

Switches can be supplied with a PBOF (pressure-balanced-oil-filled) adapter, straight or right angle, or with a molded underwater cable and underwater connector.

Tell us what you want and we will build it.

www.hydracon.com

NPA1812-100C

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