



HYDRACON SUBSEA

SUBSEA LIMIT SWITCH or PUSH-BUTTON SWITCH

Features:

- LOW HYSTERESIS
- ZERO POWER CONSUMPTION
- 2-WIRE SYSTEM
- SMOOTH OPERATION
- INSENSITIVITY TO AMBIENT PRESSURE
- BOUNCE FREE SWITCHING
- LOW HYSTERESIS
- LONG CYCLE CONTACT LIFE
- VIBRATION & SHOCK RESISTANT
- LOW PROFILE - SHORT

Specifications:

1. Push Button Switch, form A (SPST, N.O.)
2. Contact rating: 50W switching capability, up to 500V.
3. Contact Life: 1 x 10⁶ Ops. @ 50V, 1.0A
 200 x 10⁶ Ops. @ 1.0V, 10mA
4. Contact bounce: none
5. Vibration Res.: 20g @ 10 Hz – 500 Hz
6. Shock Res.: 50g @ 11 ms, ½ sine wave
7. Hysteresis: as low as 0.020"
8. Ambient proof test: 24 hrs @ 135 psi
9. Materials: 316L stainless steel
10. Size: 1.25" square x 1.4" height
11. Weight: 4.3 oz.



Model 1809-102

This hermetically sealed switch was custom designed for use in pendant switch, requiring high reliability and insensitivity to the ocean pressure.

Hydracon Switches meet **IPX8 of IEC 529** for protection against the effects of continuous immersion in water.

1809-101 switches are still in service since year 2000.

Please call for further information.

www.hydracon.com

NPA1809-102C

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