



HYDRACON COMPANY, INC.
www.hydracon.com

DIVER-OPERATED PUSHBUTTON SWITCH – Model 1809-200

Features:

- OCEAN SUBMERSIBLE
- PANEL MOUNT STYLE
- INSENSITIVITY TO AMBIENT PRESSURE
- LOW HYSTERESIS

Specifications:

1. 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 Pressure: to 1,000 psi
9. Materials: 316L stainless steel
10. Size: 1.12" square x 1.51" height + Mounting thread
11. Face seal panel mounting style with 6" long lead wires
12. Weight: 5 oz.



More features:

- The push button is shrouded to avoid unintentional actuation,
- No internal frictional parts,
- This is a two-wire system – no transmitter is needed,
- Zero power consumption

This hermetically sealed panel mount switch is internally similar to 1809-100, used in 1810-100. 1810-100 is an underwater Pendant / Winch Controller used by Navy Seals – provide high reliability performance.

Available as a proximity switch or a limit switch. Call for further information.

Our customers are abundantly pleased.

NPA1809-200A.doc