

HYDRACON COMPANY, INC.

OCEAN SUBMERSIBLE PROXIMITY SWITCH

Model No. 1800-201 and 1800-202

Features:

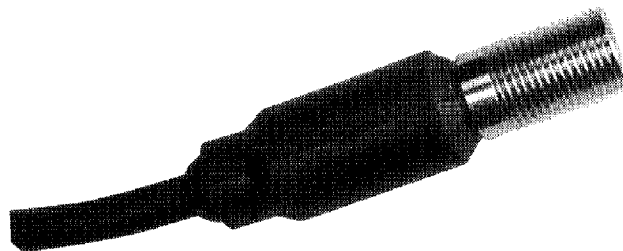
- **NEW IMPROVED SENSING ELEMENT**
- **ZERO POWER CONSUMPTION**
- **2-WIRE SYSTEM**
- **FAST SWITCHING SPEED**
- **FAST OPERATE & RELEASE TIME**
- **BOUNCE FREE SWITCHING**
- **LONG CYCLE CONTACT LIFE**
- **VIBRATION & SHOCK RESISTANT**

Specification:

1. Switch, Proximity, SPST, N.O. (form A)
2. Contact rating: 50 W switching capability, up to 500 V.
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. Magnet actuated
8. Hysteresis as low as .020"
9. Ambient: to 10,000 ft. ocean depth
10. Materials: 316 SS
11. Size: ¾"-16 thread x 1.75" long (plus mold)
12. Weight: 2 oz.



Model No. 1800-201



Model No. 1800-202

This switch was originally designed for use as a fly-by counter switch.

A new internal sensing element provides increased sensitivity, faster response, greater actuation distance, and low hysteresis. This is the same sensing element used in 1809-100 diver operated switch.

Available with single pin underwater connectors or molded cable with underwater connector.

This is a two-wire system. No transmitter is needed. Zero power consumption.