



HYDRACON SUBSEA

OCEAN SUBMERSIBLE SOLENOID ACTUATOR

Features:

- Ocean Submersible
- Seal-less, Magnetically Coupled
- The force is unaffected by the ocean pressure
- Corrosion resistant stainless steel
- Electron beam welded
- Meets IPX8 of IEC529

Specifications:

1. Pull force (lbs.) vs stroke (air gap):
(values are approximate)
air gap > .062" .125" .188" .250"
volts: force:
12vdc 22 7.5 3.5
24vdc 46 26 16 8
36vdc 55 38 26 18
2. Electrical: 2 amps @ 24vdc (continuous duty)
3. Design ambient ocean depth pressure to 4,500 psi
4. Stainless steel welded construction
5. Weight: 4.2 lbs.
6. Size: 2.5" dia. x 4.0" long (plus connector)
7. Available with choice of underwater connector
8. Armature included



Model 1900-104

This solenoid can be used for pulling latch pins, toggles, or for releasing hard ballast.
Available on request: GRAPH, Technical Bulletin TB-104 "*Pulse Operation of DC Solenoids*"
Other models available. For dimensional drawings contact Hydracon.

For further information please call to discuss your application.

Other subsea products: Limit Switches, Proximity Switches, Pressure Switches,
Solenoid Valves, Ballast Valves

www.hydracon.com

NPA1900-104

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