



Hydracon Company, Inc.

AUV Scuttle Valve - Latching Solenoid Valve

Features:

- BUBBLE TIGHT CLOSURE
- HIGH FLOW - SMALL SIZE
- HIGH TOLERANCE TO CONTAMINATION
- STAINLESS STEEL WETTED PARTS

Specifications:

1. Latching solenoid valve, normally closed, mechanical latch, manual unlatch.
2. Operating fluid pressure: to 3,000 psid
3. Fluid media: sea water
4. Contamination tolerant seat.
5. Bubble tight closure ("zero" leakage)
6. Flow: 0.40 GPM @ 0.78 psid
(0.15" ESEOD) ($C_v = .43$)
7. Ports: AND10050-4 (1/4" tube size)
8. Electrical: 1.0 amp @ 24vdc, cont. duty.
9. Size: 2.25" x 2.25" x 5" long
10. Weight: 3.2 lbs. (actual)



Model No. 1714-100

This custom designed solenoid valve is used to scuttle an Autonomous Underwater Vehicle (AUV), where "zero" leakage is essential for long-term bubble-tight service. Latching solenoid valves can be used in place of pyro valves. 1714-101 is a non-latching version of this valve. The solenoids on these models are non-submersible – ocean submersible solenoids can be provided.

Drawing available on request.