# MAGNETIC LATCH SOLENOID ACTUATOR 2-Way, 9VDC Latch, 2- Leads

#### S-392T-2W

The BERMAD Model S-392T-2W is a compact 2-Way Latching Solenoid Actuator, specially designed for reliable long life service in irrigation systems controlled by Battery Operated Controllers. The BERMAD latching Solenoid Actuator is applicable directly to the valve cover or with a 2 Way Trio base that enables combining it in variety of 2-way control circuits. Model S-392T-2W consumes power only when switching positions, using a very short electric impulse. This prolongs life of batteries and enables solar recharging.

## Features & Benefits

- Advanced Construction Materials, Unique Plastic Casing
  - Proven pressure, voltage and weather resistance
  - Highly durable in corrosive environments
  - Protection Class- IP68; NEMA Type 6D
- Superb Internal Design and FinishReliable operation under dirt loaded water
- Short Electrical pulse Latch Activation
- Extremely low power consumption
- Low voltage battery operation
- Saves wires and infrastructures
- No coil heating
- Suites most Battery Operated Controllers on the market
- Applicable in solar activated systems
- Simple Installation, Operation and Maintenance
- Reliable and Durable Product that Bears the Stamp of BERMAD Quality
- Robust "Trio" 3-position manual override handle, Close, Open & Automatic mode

## Applications

- Systems distanced from control center
- Unavailable power supply locations
- Solenoid controlled on/off valves
- Solenoid controlled pressure and flow control valves
- Multiple valve systems



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## **Specifications**

Ports: Base Port - 1 (¼" NPT) - Outlet Base Port - C (¼" NPT) - Inlet Leads: 2 leads x 0.32 mm<sup>2</sup> x 80 cm Operating Pressure Range: 0-10 bar Base Orifice: 2 mm Base Flow Factor: Kv = 0.10 m<sup>3</sup>/h @ 1 bar ΔP; Cv=0.12 GPM @1 psi ΔP

#### Materials:

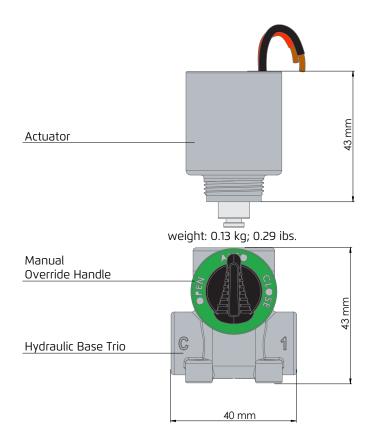
Actuator Casing: Nylon Seals: NBR Wetted parts: Stainless steel 400 and polyamide Base: Nylon

#### **Electrical Data:**

Voltage Range: 9-20 VDC Coil Resistance: 6  $\Omega$ Coil Inductance: 90 mH Pulse Width: 20-100 mSec. Operation Modes (electrical connections):

+Red & -Black: Latch Position +Black & -Red: Released Position

**Note:** To ensure compatibility of solenoid with your system, please contact BERMAD's local representative.



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