

# S-305DC 12VDC Solenoid

## Features

- Designed to work with a single- and multi-station battery operated controller and LEIT-2 ET solar powered controller
- Adaptable to a wide range of valves using our valve adapters
- Potted design for sealed construction
- Two color-coded wires
- Captured plunger and spring for reliable operation

## Specifications

- Operating pressure: 10-150 PSI (7-10.5 BAR)
- Weight: 4.3 oz (122 g)
- Temp. range: 38°F to 150°F (3°C to 65°C)
- Solenoid thread: 11/16"-12 UN
- Control orifice: .065" (1.7 mm)

- Diameter: 1.23" (3.1 cm)
- Materials:
  - Body: glass-reinforced nylon
  - Plunger & Spacer: 430F stainless steel
  - Rubber cap: EPDM
  - O-ring: Buna-N

## Electrical Specifications

- Two-way magnetic latching solenoid
- Coil operating data:
  - Coil resistance 4.7 +/- 0.3 Ohms, minimum pulse 10 mS duration at 7-12 volts
  - Red + and white - to latch open
  - Red - and white + to latch closed
- Control orifice: .065" (1.7 mm)
- Leads: 18" (46 cm) AWM 1007 / 1569 16 AWG 300V VW-1- red/white



### How to specify

Model	Description
For use with LEIT-2 ET & 700A Series controllers only	
S-305DC	DC Solenoid (7-12 volt) with 11/16"-12 UN thread
S-305DC-10	DC Solenoid (7-12 volt) with 11/16"-12 UN thread (pack of 10)
S-305DCA	DC Solenoid (7-12 volt) with 11/16"-12 UN thread and four adapters for DIG, Rainbird, Toro and Hunter

## Valve/Solenoid Adapters

### Features

- For use in conjunction with the S-305DC and 1600HE DC solenoids
- Can be used with most brand name valves
- Made of durable plastic
- Female thread: 11/16"-12 UN



### Materials

- Adapter: nylon
- O-ring: Buna-N
- Sleeve: vinyl

### How to specify

Model	Description
For use with LEMA 1600HE and S-305DC solenoids only	
30-920	BERMAD series 200, HIT series 500, DOROT series 80, GRISWOLD series 2000, DW and BUCKNER series VB valves
30-921	RAIN BIRD DV, DVF, PGA, PEB (1" only), GB, EFB-CP, BPE, PESB (1" only) and ASVF valves
30-922	HUNTER series ASV, HPV, ICV, PGV, SRV, IBV and ASVF valves
30-923	WEATHERMATIC series 12000, 21000 and 8200CR valves
30-924	IRRITROL series 100, 200B, 205, 217B, 700, 2400, 2500 and 2700 valves, and TORO series 220 and P220 valves
30-925	SUPERIOR series 950, HUNTER HBV and TORO series 252 valves (1.5" and larger)
30-926	RAIN BIRD series PEB and PESB valves