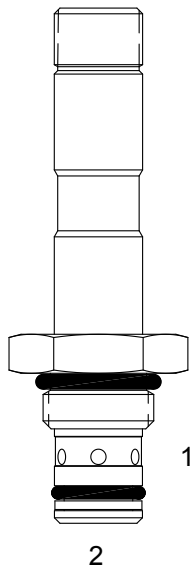


## UA-S2F PILOT OPERATED POPPET, 2 WAY NORMALLY CLOSED – SOFT SEAT



### DESCRIPTION

7 size, 5/8-18 thread, "Mini" series, solenoid operated, 2 way normally closed, pilot operated soft seat poppet valve with reverse flow de-energized.

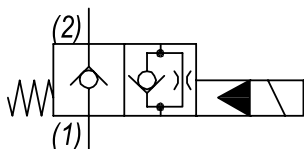
### OPERATION

When de-energized the UA-S2F blocks flow from (1) to (2) and allows free reverse flow from (2) to (1).  
When energized, the valve allows flow from (1) to (2) and restricts flow from (2) to (1).

### FEATURES

- Soft seat for ultra low leakage.
- Efficient wet-armature construction.
- Cartridges are voltage interchangeable.
- Industry common cavity.
- Unitized, molded coil design.
- Continuous duty rated solenoid.
- Optional coil voltages and terminations.

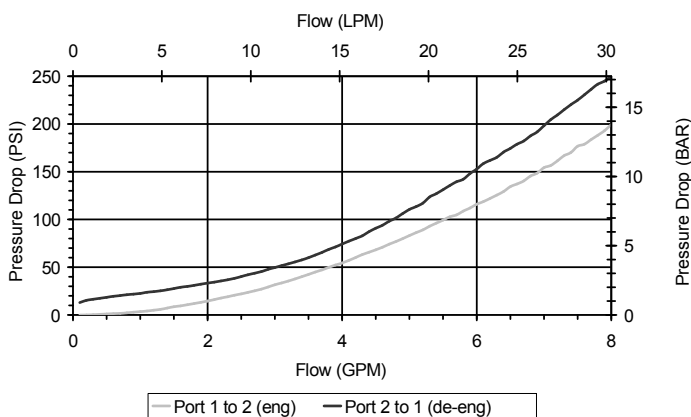
### HYDRAULIC SYMBOL



Uses "P" or "PI" type coils

### PERFORMANCE

Actual Test Data (Cartridge Only)



### VALVE SPECIFICATIONS

Nominal Flow	4 GPM (15 LPM)
Rated Operating Pressure	3000 PSI (207 bar)
Typical Internal Leakage (150 SSU)	Negligible
Viscosity Range	36 to 3000 SSU (3 to 647 cSt)
Filtration	ISO 18/16/13
Media Operating Temp. Range	32° to 160°F (0° to 70°C)
Weight	.12 lbs (.05 kg)
Operating Fluid Media	General Purpose Hydraulic Fluid
Cartridge Torque Requirements	15 ft-lbs (20.3 Nm)
Coil Nut Torque Requirements	4-6 ft-lbs (5.4-8.1 Nm)
Cavity	MINI 2W
Cavity Form Tool (Finishing)	40500003
Seal Kit	21191000

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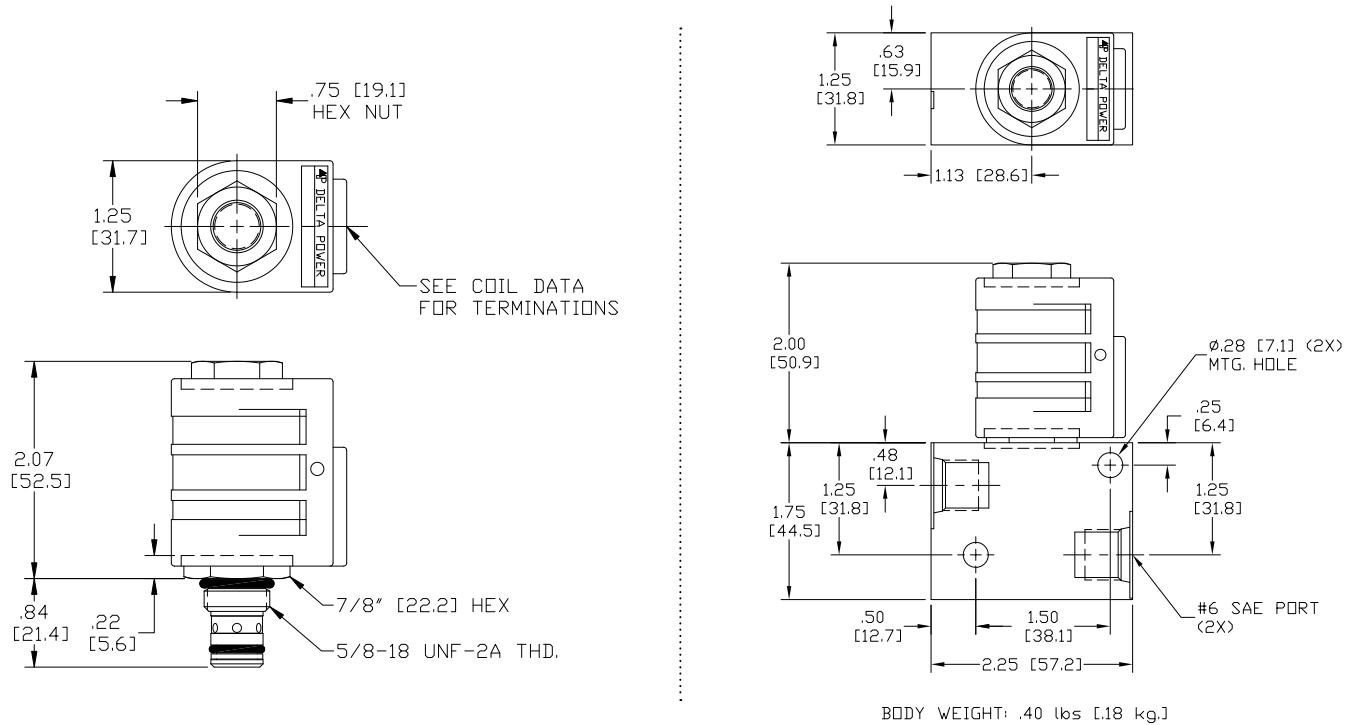
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# SOLENOID OPERATED DIRECTIONAL CONTROLS

## DIMENSIONS



## ORDERING INFORMATION

UA-S2F - - - -

Approximate Coil Weight: .30 lbs (.14 kg)

### OPTIONS

Buna Standard **00**  
 Viton Standard **V0**  
 Buna, Screen **A0**  
 Viton, Screen **W0**

**Note: use screen only if flow direction is from (1) to (2)**

### BODIES

**Blank** Without Body  
**N** 1/4 NPTF Ports  
**S** #6 SAE Ports

### VOLTAGE

**06** 6 VDC  
**12** 12 VDC  
**24** 24 VDC  
**36** 36 VDC  
**48** 48 VDC  
**25** 24 VAC  
**11** 120 VAC  
**22** 220 VAC  
**44** 440 VAC

**"P" COIL TERMINATION**  
 (All DC Except as Noted)

**DL** Double Lead  
**DT** Deutsch on Leads DT04-2P  
**ML** Metri-Pack on Leads  
**PL** Packard on Leads  
**WL** Weatherpack on Leads

**SS** Single Spade  
**DS** Double Spade  
**HC** DIN 43650 (Hirschmann) - (AC&DC)  
**CL** Conduit Lead - (AC Only)  
**DI** Deutsch - Integral DT04-2P

**IMMERSION PROOF "P" TYPE**  
**IA** "I" Coil AMP Superseal - Integral  
**ID** "I" Coil Deutsch - Integral DT04-2P  
**IJ** "I" Coil AMP Jr. Timer - Integral  
**IM** "I" Coil Metri-Pack - Integral

W 26 / 2019

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