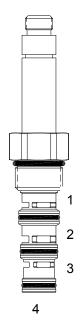
HG-S4E DIRECT ACTING SPOOL, 4 WAY 2 POSITION, SERIES/PARALLEL



DESCRIPTION

"High Pressure" 10 size, 7/8-14 thread, "Delta" series, solenoid operated, 4 way 2 position series/parallel spool valve.

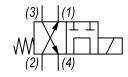
OPERATION

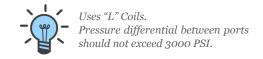
When de-energized the HG-S4E allows flow from (1) to (2) and from (3) to (4). When energized the valve allows flow from (2) to (4) and blocks flow at (1) and (3).

FEATURES

- · Hardened parts for long life.
- Efficient wet-armature construction.
- Cartridges are voltage interchangeable.
- Industry common cavity.
- Unitized, molded coil design.
- Continuous duty rated solenoid.
- Optional coil voltages and terminations.
- Optional "I" Coil: Weatherproof, Thermal Shock, Immersion Safe.

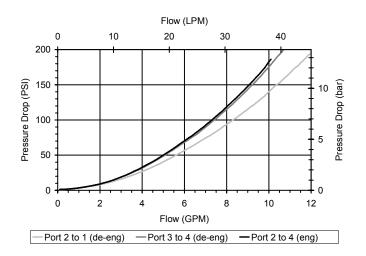
HYDRAULIC SYMBOL





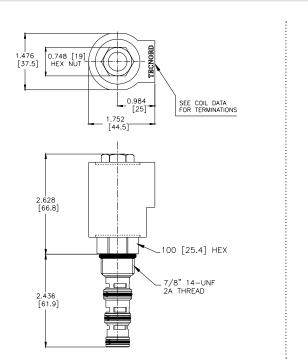
PERFORMANCE

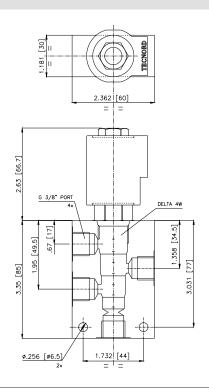
Actual Test Data (Cartridge Only)



VALVE SPECIFICATIONS	
Nominal Flow	8 GPM (30 LPM)
Rated Operating Pressure	4000 PSI (276 bar)
Typical Internal Leakage (150 SSU)	10 cu in/min (164 ml/min) per path
Viscosity Range	36 to 3000 SSU (3 to 647 cSt)
Filtration	ISO 18/16/13
Media Operating Temp. Range	-40° to 250°F (-40° to 120°C)
Weight	.43 lbs (.20 kg)
Operating Fluid Media	General Purpose Hydraulic Fluid
Cartridge Torque Requirements	30 ft-lbs (40,6 Nm)
Coil Nut Torque Requirements	4-6 ft-lbs (5.4-8.1 Nm)
Cavity	DELTA 4W
Cavity Tools Kit	
(form tool, reamer, tap)	40500002
Seal Kit	21191214

DIMENSIONS





LIM

"I" Coil Metri-Pack - Integral

ORDERING INFORMATION

Approximate Coil Weight: .68 lbs (.31 kg) HG-S4E Note: Aluminum, NOT **BODIES OPTIONS** durability rated for 4000 Buna Standard 00 Blank Without Body PSI. Consult factory for Viton Standard V0 3/8" BSP Ports body options. #6 SAE Ports S **VOLTAGE** (other voltages available on request) 12 12 VDC 24 24 VDC 22 220 VAC without internal rectifier "L" COIL TERMINATION (All DC Except as Noted) **IMMERSION PROOF "L" TYPE DL** Double Lead HC DIN 43650 (Hirschmann) - (AC&DC) LΙΑ "I" Coil AMP Superseal - Integral (several types of termination can be DI Deutsch - Integral DT04-2P LID "I" Coil Deutsch - Integral DT04-2P "I" Coil AMP Jr. Timer - Integral attached on leads on request) LIJ

WARNING: the specifications/application data shown in our catalogs and data sheets are intended only as a general guide for the product described (herein). Any specific application should not be undertaken without independent study, evaluation, and testing for suitability.