

EG-PRZ 3 WAY, PROPORTIONAL PRESSURE REDUCING CONTROL VALVE



DESCRIPTION

10 size, 7/8-14 thread, "Delta" series, solenoid operated, proportional pressure reducing control valve.

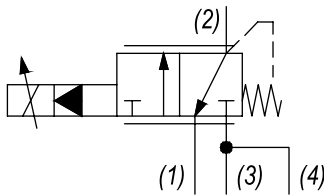
OPERATION

When de-energized the EG-PRZ allows flow from (2) to (1) and blocks flow at (3). When energized, the cartridge's spool lifts to open (3) to (2) and blocks flow at (1). Outlet pressure is proportional to current applied to the coil.

FEATURES

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

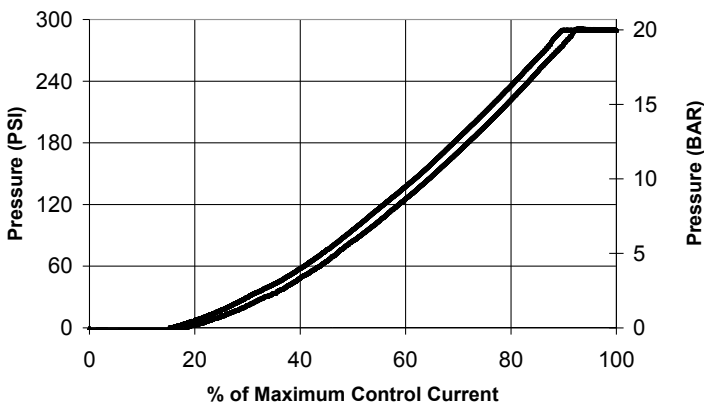
HYDRAULIC SYMBOL



*Low Wattage coils are available.
Consult Factory*

PERFORMANCE

Pressure vs. Current Graph for EG-PRZ at 300 Psi Inlet Pressure



VALVE SPECIFICATIONS

Nominal Flow	8 GPM (30 LPM)
Max System Pressure	450 PSI (31 bar)
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	.38 lbs (.17 kg)
Operating Fluid Media	General Purpose Hydraulic Fluid
Cartridge Torque Requirements	12 ft-lbs (16.3 Nm)
Coil Nut Torque Requirements	4 - 6 ft-lbs (5.4 - 8.1 Nm)
Cavity	DELTA 4W
Cavity Form Tool (Finishing)	40500002
Seal Kit	21191204

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.

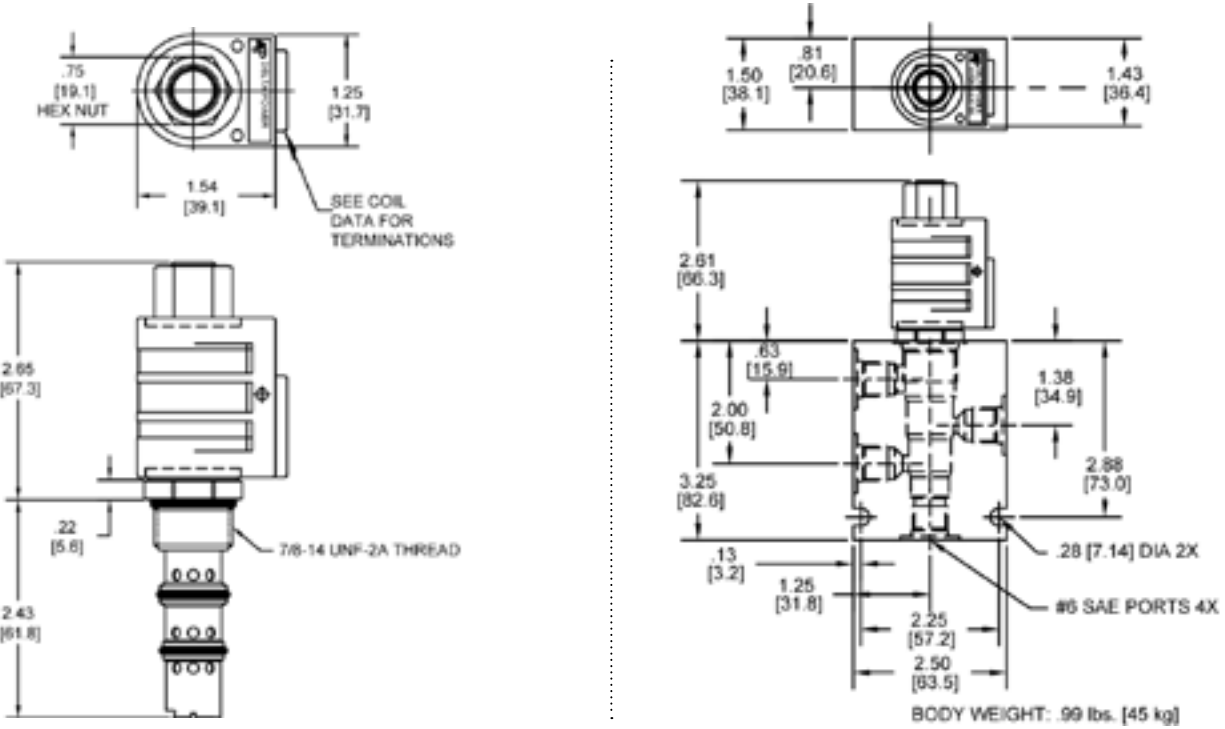


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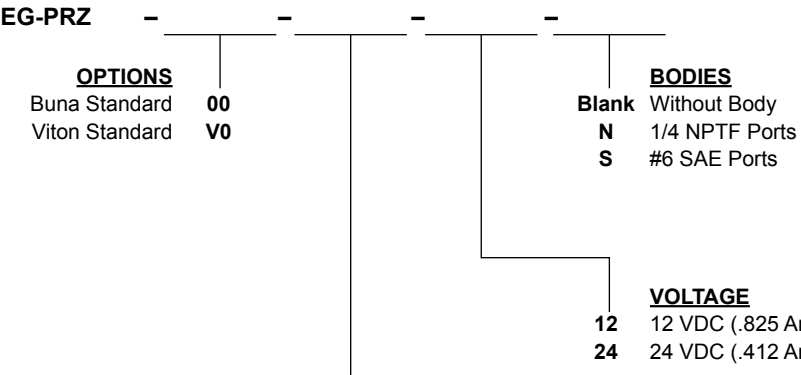
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DIMENSIONS



ORDERING INFORMATION

Approximate Coil Weight: .42 lbs (.19 kg)



VOLTAGE

12 12 VDC (.825 Amps Max.)

24 24 VDC (.412 Amps Max.)

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

- | | |
|---|--|
| <p>DL Double Lead</p> <p>DT Deutsch on Leads DT04-2P</p> <p>ML Metri-Pack on Leads</p> <p>PL Packard on Leads</p> <p>WL Weatherpack on Leads</p> | <p>SS Single Spade</p> <p>DS Double Spade</p> <p>HC DIN 43650 (Hirschmann) - (DC)</p> <p>DI Deutsch - Integral DT04-2P</p> |
|---|--|

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