

EV500-101

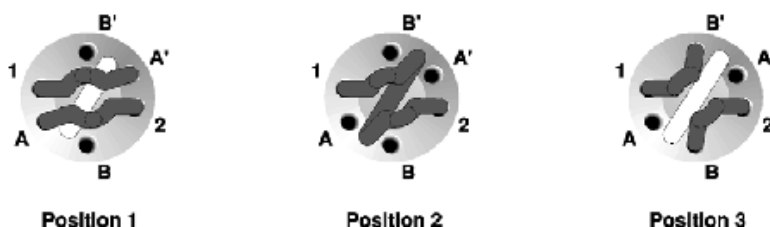
3-Position, 6-Port with By-pass

Description

The EV500-101 is a Stainless Steel 3-position, 6-port motorized valve. The unique TeleFLO® architecture insures no unswept volume. The ready-to-use stand alone unit is used to select between three different positions including an internal by-pass.

Flow Path

The flow switching pattern of the valve is shown below. The six circles (some may be depicted under the dark slots) represent the ports in the valve stator. The dark grooves represent the connecting passages in the rotor seal and stator face assembly. The white groove represents the internal bypass passage-
stator face assem- bly.



Specifications

Liquid Contacts: **EV500-101**- Stainless Steel and PEEK,

Port Size: Accepts 10-32 male threaded fittings

Flow Passage Diameters: **Stator** -0.6mm (.024"), **Rotor Seal** - 0.5-mm (.018")

Volume in Flow Passages: **Stator** (includes stator face assembly)-1.6µL/hole and groove,

Rotor Seal-0.6µL/groove, **Internal Bypass**-1.7µL/hole and long groove, 0.5µL/hole and short grooves

Maximum Pressure: 35 MPa, (345 bar, 5000 psi.)

Communication: 4-Line BCD unless part number includes (-S2). The (-S2) signifies RS-232 serial communication.

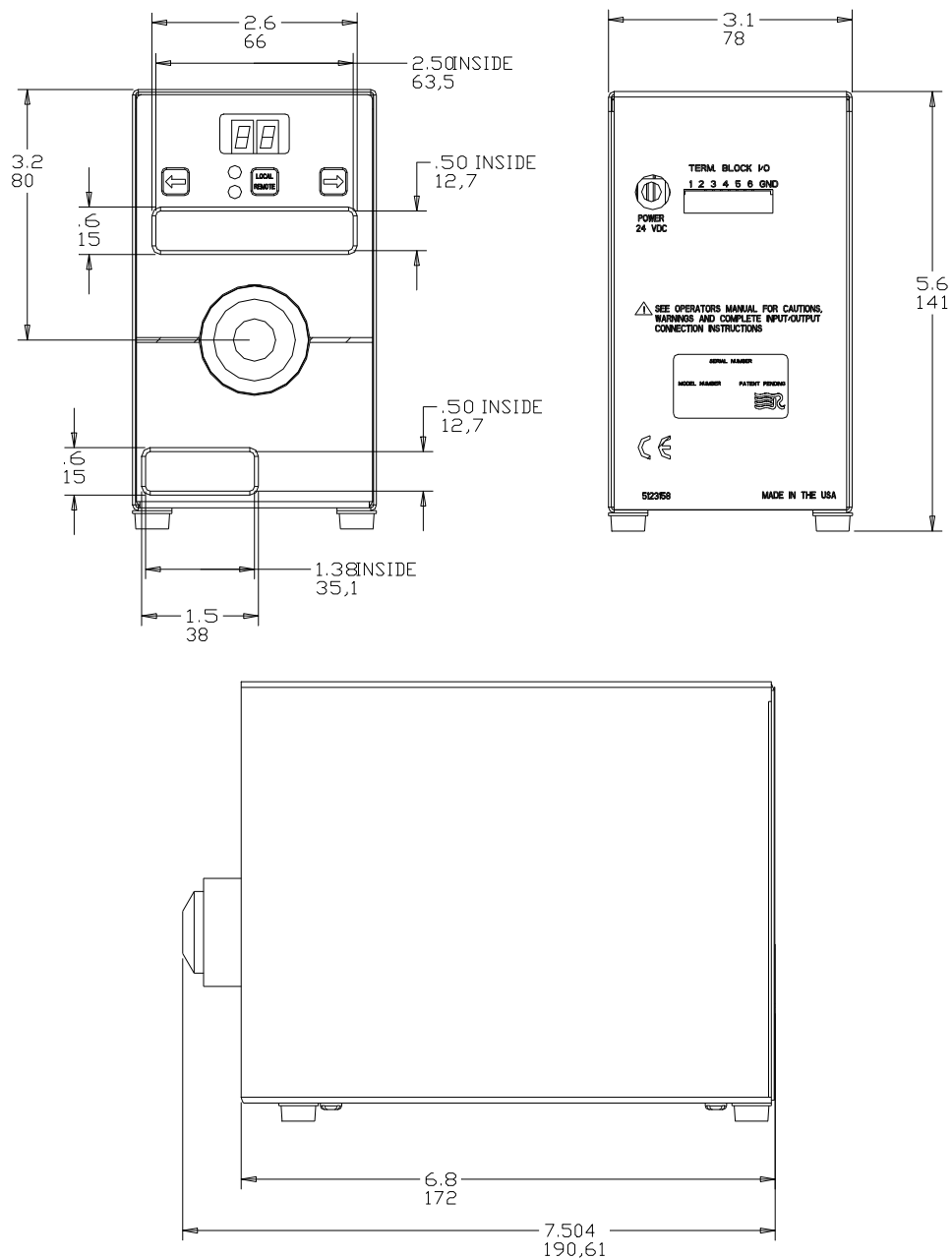
RoHS Compliant: Yes

Supplied With

(7) RheFlex® One-Piece PEEK fitting sets with (7) colored ChromTRAC™ knobs attached, (2) Hex Keys, Universal Power Supply, Power Cord (multi-national cords available) and (5) Connecting Wires

Dimensional Drawing

Dimensions are in inches (millimeters)



2320858E
5/10/2011

www.idex-hs.com | North/South America +1 866 339 4653 | Europe +49 1801 808 800 | Asia +86 10 6566 9090