**FXSVL02B**  
Servo valve interface module

ControlNet™ FLEX I/O™ Valve position demand output ±50mA / ±60mA, position feedback LVDT 6wiring 8V 5kHz

*ControlNet™ is ControlNet International’s registered trademark.

*FLEX I/O™ is Rockwell Automation’s registered trademark.

### SPECIFICATION

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<td>Position demand output</td>
<td>±50mA / ±60mA</td>
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<tr>
<td>Position feedback</td>
<td>LVDT 6wiring 8V 5kHz</td>
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</table>
| Digital inputs | Photo coupler input:  
DC24V / 5mA |
| Auxiliary inputs (Without isolation) | 1~5VDC: ×4 |
| Auxiliary outputs (Without isolation) | Digital output: ×4 |
| Auxiliary interface | LVDT 6wiring 8V 5kHz |
| Serial interface (For maintenance) | EIA/RS-232C (PS/2): ×1 |
| Self-diagnostic functions | Application abnormal  
Watchdog timer  
Clock monitor  
Connector omission  
Power supply voltage low  
Bus time-out |
| Indicator | LED×1 3 Modes:  
Green (Control)  
Yellow (Standby)  
Red (Abnormal)  
LED×16 Yellow (General Purpose) |
| Compatible terminal bases | 1794-1B3/1B3S  
1794-1BN/1BNF |
| Dielectric strength | AC500V:  
Between analog I/O terminal and FG(1min.)  
AC1500V:  
Between digital I/O terminal and FG(1min.) |
| Environmental conditions (Operating) | Temperature: 0 ~ 55 °C  
Humidity: 35 ~ 95 % RH (No condensation) |
| Environmental conditions (Storage) | Temperature: -10 ~ 70 °C  
Humidity: Less than 80 % RH (No condensation) |
| Power supply | DC 24V±10% / Less than 300mA  
DC 5V / Less than 80mA (FLEX BUS) |
| Shock/Vibration | 15G / 2G @ 10~500Hz |
| Dimensions | 110mmD×46mmH×92mmW |

### Outline

- Valve position demand output  
  (Output range ±50mA / ±60mA) ×1
- Valve position feedback LVDT ×1
- Auxiliary interface
- Module duplicated interface
- FLEX I/O™ / ControlNet™ LAN compatible

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ControlNet®, FLEX I/O®, Valve position demand output ±50mA / ±60mA, position feedback LVDT 6wiring 8V 5kHz

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FXSVL02B block diagram

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CGS-N3303-E-01 (2014. 03. 31)