**Outline**

- Valve position demand output \( \times 1 \)  
  (Output range \( \pm 50 \text{mA} \))
- Valve position feedback transmitter \( \times 1 \)  
  (4~20mA)
- Auxiliary interface
- Module duplicated interface
- FLEX I/O™ / ControlNet™ LAN compatible

<table>
<thead>
<tr>
<th>ITEM</th>
<th>SPECIFICATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Position demand output</td>
<td>( \pm 50 \text{mA} )</td>
</tr>
</tbody>
</table>
| Transmitter input | 4~20mA \( \times 1 \)  
  Distributor selectable |
| Digital inputs | Photo coupler input  
  DC24V / 5mA \( \times 2 \) |
| Auxiliary inputs (Without isolation) | 1~5VDC \( \times 4 \)  
  Digital input \( \times 5 \) |
| Auxiliary outputs (Without isolation) | 1~5VDC \( \times 3 \)  
  Digital output \( \times 4 \) |
| Serial interface (For maintenance) | EIA/RS-232C (PS/2) \( \times 1 \) |
| Self-diagnostic functions | Application abnormal  
  Watchdog timer  
  Clock monitor  
  Connector omission  
  Power supply voltage low  
  Bus time-out |
| Indicator | LED \( \times 1 \)  
  3 Modes  
  Green (Control)  
  Yellow (Standby)  
  Red (Abnormal)  
  LED \( \times 16 \)  
  Yellow (General purpose) |
| Compatible terminal bases | 1794 - TB3/TB3S  
  1794 - TBN/TBNF |
| 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 \( \times 46 \text{mmH} \times 92\text{mmW} \) |

*ControlNet™ is ControlNet International’s registered trademark.  
*FLEX I/O™ is Rockwell Automation’s registered trademark.
FXSVT02 Servo valve interface module

ControlNet™ FLEX I/O™ Valve position demand output ±50mA, Transmitter input

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FXSVT02 block diagram

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