



**General:**

Aluminum housing-polyester coated  
2 Conduit connections ½" NPT  
Internal and external grounding points  
Enclosure Nema 4X/IP 66  
Bolts on directly to V100 series positioner-no special tools or mounting needed  
Operating temp       -40 to +185° F  
                              -40 to +85° C

**Mechanical Switches:**

Type: SPDT-Co Form C, (V3)  
Load: Resistive (Inductive)  
max 10 A (3) 125/250 VAC  
max 0.25 A (0.04) 230 VDC  
max 0.5A (0.1) 115 VDC  
max 6 A (4) 30 VDC  
max 8.5 A(5) 14 VDC  
max 11 A (6) 8 VDC

**Reed Switches:**

Type SPDT-CO Form , Form C  
Contact rating: max 5W or 5VA @ 30 VDC/VAC 0.16 A  
Voltage:            Switching max 175 VDC  
                      Breakdown min 200 VDC  
Current            Switching max0.25 A  
                      Carry max 1.5 A  
Contact resistance: 0.2 Ohms  
Contact capacitance: 0.3 pF  
Mechanical and electrical life: over 100 million operations

**4/20 mA Position Feedback:**

Voltage supply: 10-30 VDC  
Output 4-20 mA, 2 wire  
Loop Impedance: max 700W @ 24 VDC  
Max linearity error: <1.5%  
Hysteresis <0.3%  
Temp. sensitivity < 0.1%/10°F (5.5°C)

**Potentiometer:**

Output: 5K Ohms (3.8K Ohms at 90 deg)  
Elements: Conductive plastic  
Power rating at 158°F (70 °C)1W  
Linearity ± 1%  
Resolution: Essentially infinite

**NAMUR Sensors:**

Power supply: Max 28 VDC  
Output signal: 4-20 mA  
Resolution: infinite  
Linearity: < 1% full scale  
Hysteresis:< 0.5% of full scale