Technical Specifications

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