

E/M Switch Application Checklist

Contact Name: _____ Phone: _____ Date: _____

Company: _____

FAX #: _____ Email Address: _____

(Please complete ALL applicable information)

1. Process Variable

- Pressure
- Differential Pressure (DP)
- Vacuum
- Temperature (Remote bulb & Capillary)
- Temperature (Direct (Immersion))

2. Process Specifications – Pressure Sensor

- Setpoint: _____
- On Rise: _____ On Fall: _____
- Deadband: _____ Max. _____
- Cycle Rate: _____
- Overrange Pressure: _____
- Proof Pressure: _____
- Working Pressure: _____
- Media Type: _____
- Media Temperature: _____

3. Process Specifications - Temperature Sensor

- Setpoint: _____
- On Rise: _____ On Fall: _____
- Deadband: _____ Max. _____
- Temperature Range: _____
- Max. Temperature: _____
- Sensor Length: _____
- Capillary Length: _____

4. Process Connection

- Threaded Size/Type: _____
- Male Female

5. Wetted Material

- Stainless Steel Viton
- Brass Buna N
- Monel EPR
- Hastelloy C Teflon
- Other Specify: _____

6. Enclosure Type

- Not Required – Skeleton Assembly
- NEMA 4 / IP65 NEMA 4X / IP65
- 316 Stainless Steel

7. Enclosure Mounting Orientation

- Vertical Horizontal
- Other Specify: _____

8. Application Environment

- Operating Ambient Temperature: _____
- Min.: _____ Max.: _____
- Shock Vibration Moisture
- Other Specify: _____

9. Hazardous Area Protection

- Ordinary (Non-Hazardous) Location
- Division 1 2
- Zone 0 1 2
- Intrinsically Safe
- Explosion/Flame Proof

10. Agency Approvals/Certifications

- cULus PESO ITRI
- FM PED ATEX
- EAC CQST KOSHA
- IECex UkrEx INMETRO
- Intrinsically Safe SIL NACE
- Other: _____

11. Switch Configuration

- Switch Contacts:**
- SPDT Dual (2) SPDT
- DPDT Triple (3) SPDT
- Switch Protection/Seal:**
- Basic (unsealed) Hermetic Vapor
- Wiring Termination/Accessories:**
- Screw Terminals Push-on Tabs
- Wire Leads Other _____
- Junction Box

12. Electrical Load

- Volts _____ VDC VAC
- Amperage: _____
- Resistive Inductive
- Other info: _____

Application Information (Describe the equipment on which the switch is being used and its application function): _____

