

**BRAY RECOMMENDED SPECIFICATIONS**

## Series 50 Valve Status Monitor

**Valve Status Monitor Type:**

Bray Series 50 Valve Status Monitor or approved equal.

**Housing:**

- Housing shall be die cast aluminum.
- Available for use in Waterproof (NEMA 4, 4X) or Explosion Proof (NEMA 4, 4X, 7 & 9) applications.
- Shall have O-Ring seals at the upper and lower shaft areas to provide a waterproof enclosure preventing internal corrosion.
- Housing shall have two (2) conduit entries for ease of wiring.
- Housing covers shall contain captive stainless steel bolts.
- Position indication shall be provided.
- An optional highly visible beacon style position indicator shall be available.

**Cams & Cam Adjustment:**

- Cam shaft shall have bearings on top and bottom to reduce friction and eliminate shaft binding.
- The cam for each switch shall be mounted directly to the output shaft.
- Cams shall be infinitely adjustable from the top by finger or regular screwdriver with no special tools required.

**Switches:**

- Switches shall be internally pre-wired to a terminal block with easy access for field wiring.

**Mounting:**

- All Status Monitors shall direct mount to the actuator using NAMUR VDI/VDE 3845 interface.

**Approvals & Certifications:****Status Monitors:**

- UL Certification
- CSA Certification (Hazardous Locations)
- CSA Certification (Industrial Locations)
- Bureau Veritas Certification
- SIRA Certification (Hazardous Locations)
- PED/CE Certification