

**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

# Series 50 Valve Status Monitor

**The Valve Status Monitor shall be Bray Series 50 or approved equal.**

Monitor housing shall be die cast aluminum and available for use in Waterproof (NEMA 4, 4X) or Explosion Proof (NMA 4, 4X, 7 & 9) applications and have (two) conduit entries for ease of wiring. The Housing and shaft shall have an O-Ring seal to provide a waterproof enclosure and prevent internal corrosion and the shaft shall have bearings on top and bottom to reduce friction and eliminate shaft binding. The Housing cover shall contain captive stainless steel bolts. Cams for each switch shall be mounted directly to the output shaft and be infinitely adjustable from the top by finger or regular screwdriver with no special tool needed. Internal switches shall be pre-wired to a terminal block. Position indication shall be provided with an option for highly visible beacon style indicator if specified. Mounting pattern shall comply with NAMUR VDI/VDE 3845. The Monitor shall have the following approvals and certifications: UL, CSA (Hazardous & Industrial Locations), Bureau Veritas and SIRA (Hazardous Locations).