

**BRAY RECOMMENDED SPECIFICATIONS**

## Series 52 Valve Status Monitor

**Valve Status Monitor Type:**

**Bray Series 52 Valve Status Monitor or approved equal.**

**Enclosure:**

- Proximity sensors must be completely encapsulated with epoxy resin in a rigid polymer enclosure that is impervious to moisture and most chemical and corrosive agents.
- The self-contained, fully sealed, compact enclosure shall contain two (2) proximity switches.
- Epoxy resin encapsulation shall protect the sensors against failure due to vibration and shock.
- Removable covers or conduit entries are not allowed eliminating the possibility of failure due to moisture.

**Targets:**

- Standard pre-aligned targets shall be used eliminating the need for cams or set screws.
- The cam for each switch shall be mounted directly to the output shaft.
- Adjustable targets for less than 90 degrees travel shall be available.

**Position Indication:**

- Position indicator must be provided.
- An optional highly visible beacon style position indicator shall be available.
- LED indicators for positive verification shall be provided.



**Mounting:**

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

**Approvals & Certifications:**

**Status Monitors:**

- Bureau Veritas Certification
- SIRA Certification (Hazardous Locations)