

# Rotary Position Indicator

## Mark 1 & Mark 4 Series



### Product Overview

The Proximity Mark Series offers versatile position indicators with multiple output options. Standard models feature weatherproof, explosion-proof, and submersible designs. Choose from 1 to 6 switch outputs, including inductive, high temperature, gold contact, hermetically sealed, and high current switches. Additional options include potentiometer outputs, transmitters, and HART® Communications. Ideal for direct drive (rotary valves) or lever drive (linear valves) applications.

### Key Message

The Mark Series Rotary Position Indicators deliver industry-leading versatility and durability for precise valve and damper control. Designed with a magnetic drive to eliminate external seals, they provide superior leak protection in corrosive environments. With a wide range of switch types, potentiometer outputs, and transmitters, they offer flexible configuration options to meet the demands of global process applications.

### Key Features and Benefits

- **EZ Set Cams** – Simple set point adjustment for flexible and precise control
- **Versatile Design** – Supports multiple switch and transmitter options for varied applications
- **Mark 1 – Maximum Protection** – Magnetic coupling isolates the switch compartment, fully sealing the unit for superior leak and hazard resistance
- **Mark 4 – Cost-Effective & Durable** – A budget-friendly alternative with a Thru-Shaft design, a robust 1" bearing, and O-rings for enhanced protection against leaks, corrosion, and hazards
- **Reliable Industrial Performance** – Ensures accurate valve and damper control with long-lasting durability in harsh environments.

### Key Vertical Markets



Aerospace



Chemical



Pharma



Food & Beverage

### Key Business Challenge

The Mark Series addresses the need for reliable and accurate valve and actuator position monitoring in challenging industrial environments. By providing precise position indication with high product reliability, the Mark Series ensures operational efficiency - minimizing downtime, optimizing process control and enhances system reliability.

### Key Differentiators

- **Sealed Magnetic Drive:** Utilizes a magnetic coupling that completely seals the switch compartment, offering maximum protection against leaks and ensuring reliability in harsh environments
- Offers a wide range of output configurations including switch outputs (up to 6 switches with 13 varieties), potentiometer outputs, 4-20 mA transmitters, and HART® Communication, catering to diverse application needs
- Designed for both direct drive (rotary valves) and lever drive (linear valves) applications, providing flexibility and compatibility with various valve and actuator types
- Meets stringent industry standards including weatherproof, explosion-proof, and submersible ratings (NEMA, UL, CSA, ATEX, IECEx), ensuring safety and reliability in hazardous environments

### Sellable Regions

- Americas
- EMEA

### Applications

- Monitoring valve positions in industrial processes
- Position feedback for actuator control
- Ensuring proper alignment of rotary and linear valves
- Integration with automated systems for precise control

Feature / Capability	Mark Series Solution	Alternative 1	Alternative 2
Regulatory Compliance	Broad global certifications (ATEX, CE, CSA, IECEx, UL)	Regional certifications	Basic compliance
Temperature Rating	Up to 176 °F (80 °C)	Up to 185 °F (85 °C)	Up to 140 °F (60 °C)
Output Flexibility	Multiple output types (switches, potentiometers, transmitters)	Limited output options	Single output type
Housing Durability	Industrial-grade, weatherproof, and explosion-proof	Standard housing	Basic housing

### Personas

- Design/Test Engineer
  - Engineering Director
- Maintenance Manager/Tech
  - System Integrator

### Additional Resources

[Data Sheet](#)

[Catalog](#)

[Manual](#)

[Video](#)



Mark Series  
North America



Mark 1 -  
EMEA



Mark 4 -  
EMEA