# Maxon Shut-Off and Vent Valves Hazardous Locations



2" Series 808NI position "L"

2-1/2" Series STO-ANI-CP position "L" 3"-F Series 5000NI-S with flanged body position "L"

- Electrically actuated valves shut off gas or oil lines in less than one second.
- **Normally open versions available** for vent or process purge lines with Maxon's longlasting metal-to-metal seating.
- **Application flexibility provided** with 3/4" through 6" diameter line sizes, C<sub>v</sub> flow factors up to 765, and line pressures up to 600 PSIG.

#### • All Maxon top assembly enclosures meet approval sanctions:

 NEMA 1, 3, 3S, 4, and 12; Available with NEMA 4X trim (optional) "NI" valves are FM approved for hazardous locations: Class I, Division 2, Groups A, B, C, and D: T5 (AC) Class II, Division 2, Groups F and G: T5 (AC) Class III, Division 2: T5 (AC)
"NI" Valves are built in accordance with the Non-Incendive Component

"NI" Valves are built in accordance with the Non-Incendive Component Criteria as outlined by NEC/NFPA 70-1996 Articles 500-2(a)(6)



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## Normally Open or Normally Closed valves



1-1/4" Series 4760NI position "L", socket welded nipples and flanges

1" Series STO-MNI position "R"

#### • Sanctioned service valve approvals:

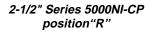
- FM (Factory Mutual) sanctioned
- IRI (Industrial Risk Insurers) approvable for block/bleed/vent systems
- Contact your Maxon sales representative for international sanctions information

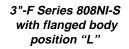
#### • Handles flowing fluid temperatures:

- Rising stem bodies from -20°F (-28°C) to +140°F (+60°C)
- Swinging gate bodies from -20°F (-28°C) to +250°F (+121°C)
- Any ambient temperature from -20°F (-28°C) to +140°F (+60°C)
- Valve bodies designed to ANSI (American National Standards Institute) standards. ISO (International Standards Organization) standards also available.
- Various application requirements met with manual reset or automatic reset motorized operators.
- **Minimize line pressure drops** with straight-through flow swinging gate or rising stem (guillotine action) valve bodies.

### Maxon Valves - large or small, gas or oil, open or closed







- Minimal field maintenance required.
- **Positive visual indication of valve body position** is provided by large two-color open-shut indicator.
- Bodies built for heavy duty industrial service of one-piece cast iron or cast steel.
- Installation piping convenience obtained from field rotatable top assemblies.
- Special operating features available in Special Service Packaged versions.
- Micro-lapped seating wears in, not out.

## **Accessory Options**



2" Series 808NI position "L" with wheel & chain assembly

1-1/4" Series 5000NI with ISO threads position "TO"

- Positive indication of valve body position provided through:
  - Auxiliary SPDT signal switches mounted inside valve top enclosure.
  - Proof-of-open and/or Proof-of-closed position switches.
- Built-in over travel valve body design meets requirements of insurance standards.
- External junction box requirement eliminated with built-in valve wiring compartment and electrical terminal block.
- Manual reset valves may be mounted in overhead lines with use of wheel and chain option.
- Companion flange sets available to simplify installation.

