

UltraSwitch™ Proximity Reed Switch Options

Introduction:

Automax proximity reed switches offer cost-effective, hermetically sealed contacts for extended life in corrosive applications. These switches are tripped by magnets embedded in cams to indicate valve open and closed positions. Tool-free cam adjustment is accomplished through a spring-loaded spline arrangement. Simply push or pull the cam, disengaging the splines, and rotate to desired switch trip point. After releasing, the spring causes automatic spline engagement, locking the setting.



Applications:

Proximity reed switches are suitable for low-power AC and DC circuits typical of Distributed Control Systems or PC networks. Automax offers three configurations: Type 4 - (2) SPST; Type 5 - (2) SPDT; and Type 6 - (4) SPST. Types 4 and 6 in **XL**, **PL**, or **PC** enclosures provide up to four independent circuits in SPST format (Type 6 is not available in the **GL** series). Type 5 switches in **XL**, **PL**, **PC**, or **GL** enclosures provide two independent circuits in SPDT format.

The switches' hermetically sealed contacts make them acceptable for Class 1, Groups A, B, C and D, Division 2 hazardous locations in non-explosion-proof enclosures such as our **PL**, **PC**, and **GL** series.

Features:

1. Hermetically sealed contacts for long life in corrosive atmospheres.
2. Type 5 switches include MOV and 0.25 amp fuse protection to prevent accidental over-loading. One spare fuse is included inside the enclosure.
3. Rhodium- or Ruthenium- plated contacts feature high hardness and excellent wear resistance for extended mechanical life under low power loads.
4. Low beam mass permits fast operation and resistance to vibration.

Flowserve Corporation
Flow Control Division
www.flowserve.com

1350 N. Mountain Springs Parkway
Springville, Utah 84663-3004
Phone: 801 489 8611

1978 Foreman Dr.
Cookeville, TN 38501
Phone: 931 432 4021

Specifications:**Type 4 - (2) SPST and****Type 6 - (4) SPST**

(Note: Type 6 not available in GL)

Manufacturer: Aleph®

Model: PS-6132

Load Capacity:

0.35 amp 140 VAC, 1 amp 50 VDC,

50 Watt Max. Contact Rating

Contact Material: Rhodium plated

Actuated by magnetic force

Type 5 - (2) SPDT

Manufacturer: Hamlin

Model: 59135-030

Load Capacity:

0.25 amp 120 VAC, 0.25 Amp 28 VDC

3 Watt Max. Contact Rating

Contact Material: Ruthenium plated

Actuated by magnetic force

MOV and 0.25 amp Fuse protected

How to order:

All **UltraSwitch™** figure numbers include a meaningful character for switch options. Referring to the table of contents page, simply specify the appropriate character for the desired switch type.

Example: XL24000 = **UltraSwitch™** Explosion Proof enclosure with (2) Type 4 SPST hermetically sealed switches.