

REED & ELECTRONIC SENSORS FOR PNEUMATIC CYLINDERS WITH 12MM DOVETAIL

GENERAL DESCRIPTION

The Flairline Connector Series 8WS reed and electronic magnet sensors are rugged yet compact switches used to sense position on pneumatic actuators equipped with a magnetic piston and 12mm dovetail groove. The switch can be slipped in and tightened from anywhere along the groove that is fabricated into the cylinder wall or clamping system.

The switch features a die cast holder which clamps to the cylinder groove while the electronics are fully encapsulated and resistance to environment. These sensors offer a wide voltage range from 0-120 V AC/DC 50/60Hz and have a up to a 500 mA switching current rating. The switch has a high intensity indicator light which indicates power to the switch and load. The switch comes standard with 9ft fl exible pressure extruded cable or 6 inch 8mm pigtail quick connector.



FEATURES

- Robust design
- Metal housing
- Simple installation
- Compatible with many 12mm Dovetail type cylinders
- Quick connect designs available
- Wide voltage range
- High current capacity
- Reed and Electronic sensors work with same magnet
- Indicator light can be seen from all angles

TECHNICAL DATA

- Temperature Range: Operational from -20° to +80°C
- Shock: Operational up to 30G (11 ms.) reeds only. Not applicable for electronic.
- Vibration: Operational up to 20G (10 - 55 Hz) reeds only. Not applicable for electronic.
- Sensitivity and orientation: 85 gauss parallel (standard minimum required for proper operation, as measured on sensor surface. Size of sensing area depends on size and strength of magnet and thickness of cylinder wall.
- Most versions designed to meet NEMA 6/IP67 specifications