



Solo Ribbon Switches

Information Sheet



Features

- ASi compatible
- Volt free, normally closed contacts
- Simple, reliable technology
- Wide range of models
- Easy installation
- Custom sizes
- Long life

The Solo Ribbon Switches are based on the same principle as the existing range of highly successful Tapeswitch Ribbon Switches. Tapeswitch uses this reliable technology in the manufacture of a range of different sensors: Safety Mats, Sensing Edges, Ribbon Switches, and Control Devices.

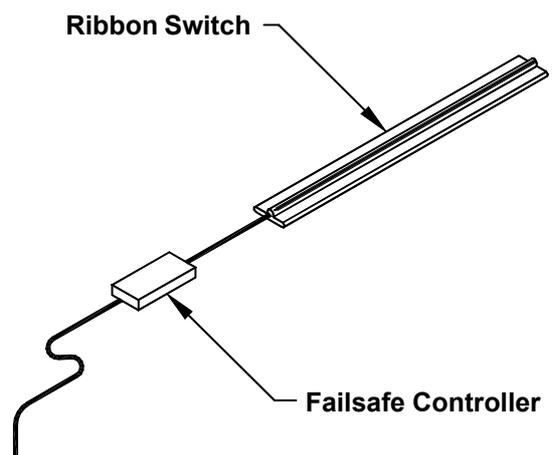
The major difference between the Solo Ribbon Switch and any other switch is that it has a Category 3 fail-safe monitoring function built into it. A pair of redundant contacts are closed when the Ribbon Switch is not activated and open when it is pressed. This configuration is ideal for use with AS-Interface systems, which connect sensors and actuators to remote control systems through only a 2-wire cable. The Ribbon Switches can connect directly to the same kind of standard ASi-Safe I/O connection modules that are used to connect E-stop switches over the AS-Interface. This is much more convenient than the alternative of having an additional control unit close to the Ribbon Switch so that it can provide the volt-free, normally closed connections to the ASi I/O module.

Typical Applications

- Special Needs
Motorised Furniture - Baths/Chairs/Worktops
- Transportation
Driver Alerts
- Local Authorities
Alarm Systems, Patient Alerts
- Factory Automation
Product Detection
- Sports Timing
Cycle Racing, Swimming Events

Connections

Connection	Standard 6 Core Cable
+12V	Red
0V	Blue
o/p 1	Green + Yellow
o/p 2	White + Black



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