

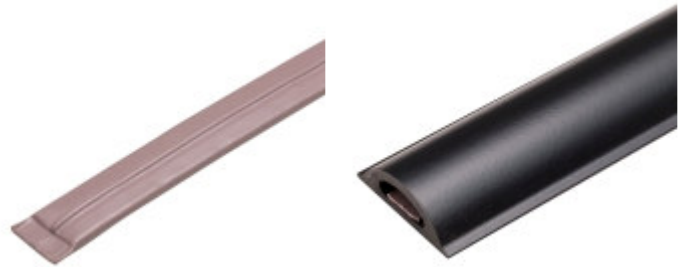
Ribbon Switches with Special Physical Properties

Types 161-FS & 161-FSA (Serpentine)

These ribbon switches can be curved laterally to a 30" radius when used in a sensing edge housing. They can also be inserted in a heavy-duty rubber sheath (Type 161-FSA), or used unsheathed (Type 161-FS).

Ribbon switch sensitivity:
 8 oz (2 N) unsheathed.
 80 oz (22 N) in rubber sheath

Mounting is by means of double-faced tape or by mastic when the ribbon switch is in the rubber sheath. Length is cut to customer requirements.



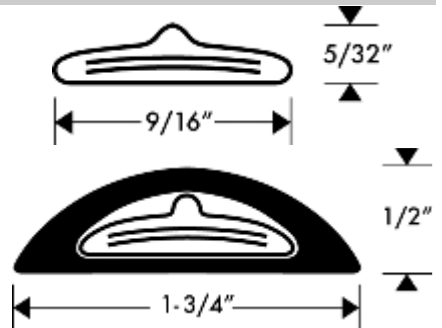
Type 161-FS

Type 161-FSA

Mounting Options

| Ribbon Switch Type | DA-32 Double-Faced Tape | Floor Tile Mastic |
|---------------------|-------------------------|-------------------|
| 161-FS (unsheathed) | yes | no |
| 161-FSA (sheathed) | no | yes |

Specifications for Type 161 Ribbon Switch

| | | |
|-------------------------------|-------------|---|
| <u>Actuation Force*</u> | | 8 oz (2 N) unsheathed 80 oz (22 N) in RBMA sheath |
| Bending Radius | | Do Not Bend |
| Exterior Covering | | PVC for switch, EPDM for RBMA sheath |
| Color | | Beige (switch) Black (RBMA sheath) |
| Lead Wire | | #18 AWG, 6 ft (1.8 m) long |
| Dimensions | for 161-FS | 9/16" wide, 5/32" high (14.3 mm x 4.0 mm) |
| | for 161-FSA | 1-3/4" wide, 1/2" high (44.5 mm x 12.7 mm) |
| | |  |
| Recommended Voltage & Current | | 24 Vac or Vdc at 1.0 amps max. |
| Dielectric Resistance | | 1000 Vac for 2 minutes |
| Operating Temperature | | 0 to 122 °F (-18 to 50 °C) |

Options

| | |
|-----------------------|---|
| Custom switch lengths | Air leak test |
| Custom lead lengths | Adhesive backing |
| Fail-safe leads | Interconnected switches (sausage style) |