

## Ribbon Switches with Special Environmental Properties Types 170-IS & 171-IS (Moisture-Resistant)

Ribbon switches with a moisture-resistant design. They are commonly used as vehicle sensing switches.

These ribbon switches use Dri-Run cable which has non-fibrous fillers to eliminate wicking. Type 171-IS has an in-line moisture trap. Both types can be used with RBMA sheathing to increase durability.

This ribbon switch has a high operating force of 160 oz (44 N). Length is cut to customer requirements.



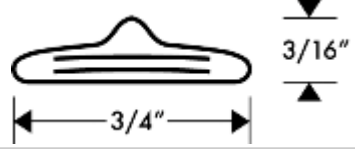
**Type 170-IS**

**Type 171-IS**

### Mounting Options

Ribbon Switch Type	Fastened with Duct Tape	RBMA Sheathing
170-IS	yes	yes
171-IS	yes	yes

### Specifications for Types 170 & 171 Ribbon Switch

<u>Actuation Force*</u>	160 oz (44 N)	
Bending Radius	2 inch (50 mm) minimum	
Exterior Covering	PVC	
Color	Black	
Lead Wire	#18 AWG stranded to #20 AWG solid, 10 ft (3m) long	
Dimensions	3/4" wide, 3/16" high (19.1 mm x 4.8 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	