



SD-75 Dual-Switch Sensing Bumper

Tapeswitch **SD-75 Dual-Switch Sensing Bumpers** offer a unique sensor configuration which produces one or two output signals, depending on the severity of impact and extent of deformation. On initial contact with an obstruction, a leading edge ribbon switch activates, which can be used to trigger a stop command or contact alarm. If the sensing bumper continues to collapse, a second switch activates, which can initiate an emergency stop or reverse command.

SD-75 pressure-sensitive bumpers are available in 4 or 7 inch widths, up to 14 inches high, and up to 12 feet in length. Tapeswitch can provide various colors, as well as a range of sensitivities and compression characteristics. These sensing bumpers are mounted is by means of studs or threaded holes, as required.



Features & Benefits

- **One or two output signals, depending on severity of impact**
- **Large sensing area for maximum protection**
- **Fully assembled for easy installation**
- **Interfaces easily with external controls**
- **Available in lengths up to 12 feet**
- **4-lead fail-safe wiring is standard**

Applications - Detect impact or collisions on:

- Automatic guided vehicles
- Moving work platforms
- Large moving doors
- Mobile conveyors
- Telescoping equipment
- Passenger loaders

Specifications for SD-75 Pressure-Sensitive Bumpers

Exterior Housing	Dynalon reinforced nylon cloth, PVC, or EPDM
Recommended Voltage & Current	24 Vac or Vdc at 1.0 amps max.
Environment	-10 to 155 °F (-23 to 68 °C)
Colors	Black , yellow, or red, depending on material