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A full spectrum of sensing and signaling products for protection, detection, and safety.

SE-45 & SE-75 Sensing Bumpers



Description

Tapeswitch SE-45 & SE-75 Sensing Bumpers are designed for general-purpose, heavy-duty applications. They provide a large, compliant surface that protects personnel or equipment by detecting contact or impact before damage is done. Sensitivity is 20 lbs nominal, with substantial overtravel cushioning. These pressure-sensitive bumpers feature easy bolt-on mounting with adjustable bolt locations.

The exterior housing of these sensing bumpers is constructed from EPDM rubber, which is resistant to water, oil, hydraulic fluids, and coolants. The internal switching elements are rated for 3 million operations at any point. All SE Series pressure-sensitive bumpers are supplied with 4-lead, fail-safe wiring and are compatible with Tapeswitch Interface Controllers.

Features & Benefits

- Large sensing area maximizes the collision zone
- Less than 10% compliance before activation and 60% over travel cushioning after activation
- Straight and corner configurations available
- Available in lengths up to 12 ft
- 4-lead fail-safe wiring is standard

Applications

- Collision detection on AGVs, mobile work platforms, and material handling vehicles
- Obstruction detection on large moving doors, mobile work stations, and telescoping conveyors
- Protection of stationary devices in proximity to moving equipment

Description

Actuation Force:	Less than 10 lbs nominal
Recommended Voltage & Current:	28 Vac or Vdc at 1.0 amps max
Housing:	Fiber-reinforced EPDM rubber