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

SE-C Custom Sensing Bumpers



Pressure-Sensitive Corner Bumpers



Special Shapes and Colors

Description

Tapeswitch SE-C Custom Sensing Bumpers are designed to fit specific application needs. They provide a large, compliant surface that protects personnel or equipment by detecting contact or impact before damage is done. The nylon-reinforced exterior housings are resistant to water, oil, hydraulic fluids, and coolants. Mounting options include studs and threaded holes.

Tapeswitch can make these pressure-sensitive bumpers in various sensitivities, profiles, colors, and lengths. Special options include multiple-surface detection, multiple zones, and high sensitivity. Extra-large sizes and corner designs are also available. All Tapeswitch SE-C Series sensing bumpers are supplied with 4-lead, fail-safe wiring and are compatible with Tapeswitch Interface Controllers.

Features & Benefits

- Large pressure-sensitive area to maximize the collision-sensing zone
- Straight and corner configurations available
- Options for multi-surface detection and multiple zones
- Available in extra-large sizes and with extra over travel
- Custom mounting options, including quick disconnects
- 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
- General hazard protection requiring over travel cushioning

Description

Actuation Force:	10 lbs (45 N) nominal, special activation forces available
Recommended Voltage & Current:	24 Vac or Vdc at 1.0 amps max.
Exterior Covering:	Black (heavy weight) or yellow (medium weight)