

Sensing Edges - Fail-safe single lead—SLZ Option

Information Sheet



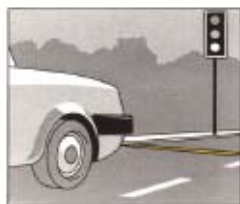
Features

- Category 3 EN954-1* Capability
- Single-Lead
- Custom configurations
- Wide range of models
- Choice of colours
- Optional sensitivities
- Variety of mounting options
- TÜV approved
- Easy installation
- Durable construction
- Customised profiles to suit customer specification
- Volt-free, normally closed contacts

Tapeswitch sensing edges are press-at-any-point, momentary, normally-open contacts designed to protect personnel and equipment. They are typically mounted on the leading edge of a moving object, such as a powered door, such that the sensor is activated when it meets an obstruction. As the sensing edge deforms, a stop signal is initiated and the edge acts as a 'cushion' to allow the moving parts to come to rest without exerting excessive force on the obstruction. The depth of this cushion is known as the over-travel of the sensing edge. It is essential to ensure that the dangerous parts are brought to rest within the over-travel of the sensing edge.

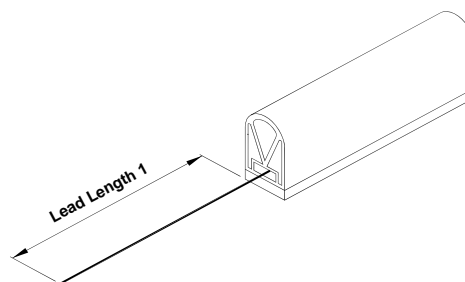
The fail-safe single-lead sensing edges are used in combination with the PSSZ-2 control unit. This option means that the sensing edge is monitored through a single 2 core lead.

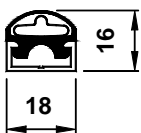
*In order to achieve EN954-1 Category 3 safety integrity the sensing edge must be used with a Tapeswitch PSSZ-2 control unit.



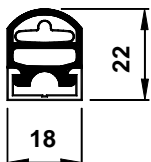
Typical Applications:

- Automated factory environments
- Car Plants
- Conveyors
- Scissor Lifts
- Access control

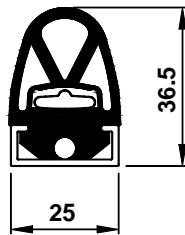




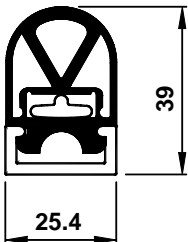
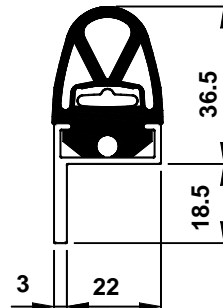
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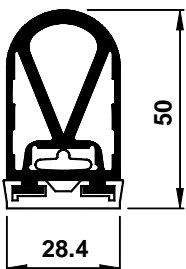
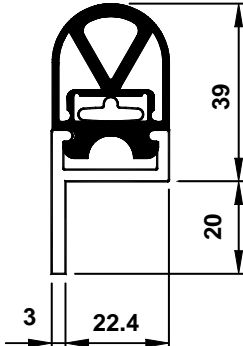
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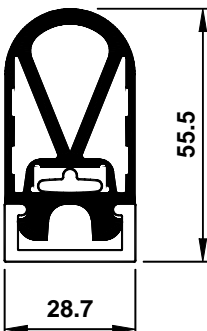
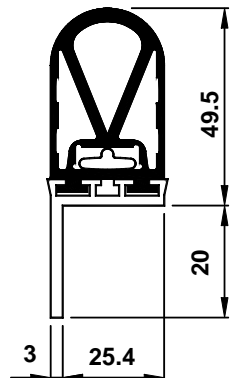
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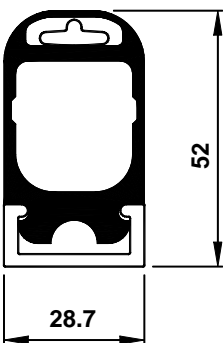
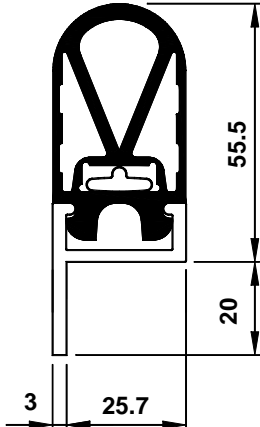
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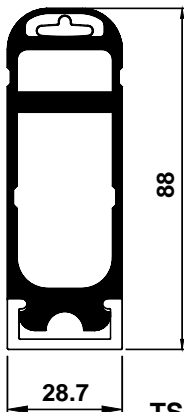
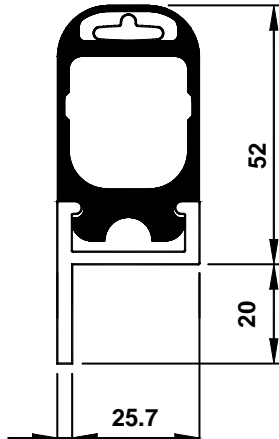
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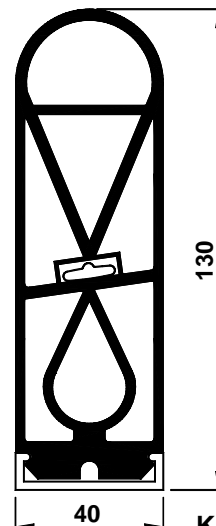
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TS47



TS57



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