

SAFETY PRODUCTS

Pressure sensitive safety devices

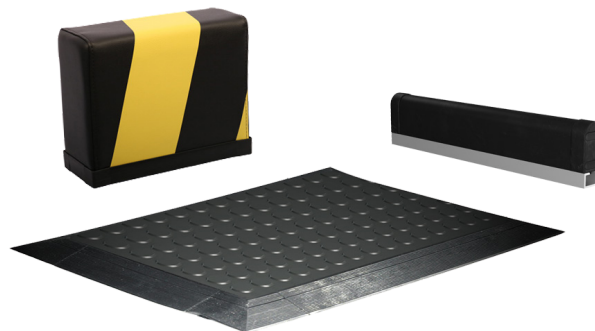
Safety edges, safety bumpers and safety mats

Pressure sensitive safety devices are used to detect the presence of people in hazardous areas.

Safety edges are used on leading edges of doors or slow moving machine parts to prevent crushing injuries.

Safety bumpers are mounted on leading edges of large doors or moving machinery such as automated guided vehicles, to prevent crushing injuries.

Safety mats are placed on the floor to detect if someone is standing on them. They are mostly used inside hazard zones around e.g. presses, robots and production lines to prevent the machine from running when someone is in the hazard zone.



Easy to install



Continuous operation



Speed up your projects

Preassembled

Both safety edges and bumpers are ordered in custom lengths and are delivered preassembled. Safety mats are ordered in standard or custom sizes with molded ramp and preassembled with two cables.

Serial connection

All devices are equipped with twin cable connection which makes it easy to connect several devices in series. Extension cables exist to further simplify connection.

Good material resistance

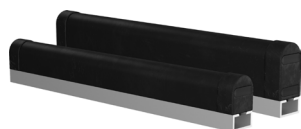
The safety edges are made in TPE that has a good resistance to ozone, weather and especially against chemicals.

The outer material of the safety bumpers is an artificial leather that provides excellent resistance against most liquids, oils and chemicals.

The surface material of the safety mat is a slip-free rubber with excellent resistance against oil, water and grease.

A complete offering with few order codes

With a minimum of order codes we provide a compact offering that still contains a complete range of pressure sensitive devices, available in custom sizes to suit all applications.



TT safety edges

Safety edge TT

Overtravel (mm) ^{a)}	Description	Material	Type	Order code
15	30 mm high safety edge with 25-14 aluminum rail. Length in m needs to be specified on order.	TPE	Safety edge TT 25-30 TPE	2TLA076025R3010
22.7	45 mm high safety edge with 25-14 aluminum rail. Length in m needs to be specified on order.	TPE	Safety edge TT 25-45 TPE	2TLA076025R4510
-	Production cost with a 2,5 m cable in each end.	-	Safety edge production cost 2,5m cable	2TLA076010R0100
-	Production cost with a 5 m cable in each end.	-	Safety edge production cost 5m cable	2TLA076010R0500
-	Production cost with a 10 m cable in each end.	-	Safety edge production cost 10m cable	2TLA076010R1000

a) At 100 mm/s to 400 N

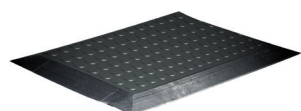


ASB safety bumper

Safety bumper ASB

Overtravel (mm) ^{b)}	Description	Material	Type	Order code
60	60x100 mm bumper. Length in m needs to be specified on order.	Imitation leather	Bumper ASB 60-100 black/yellow	2TLA076200R0500
120	100x200 mm bumper. Length in m needs to be specified on order.	Imitation leather	Bumper ASB 100-200 black/yellow	2TLA076200R0600
180	150x300 mm bumper. Length in mm needs to be specified on order.	Imitation leather	Bumper ASB 150-300 black/yellow	2TLA076200R0700
240	200x400 mm bumper. Length in mm needs to be specified on order.	Imitation leather	Bumper ASB 200-400 black/yellow	2TLA076200R0800
-	Bumpers production cost, including aluminum rail and cables.	-	Bumper production cost	2TLA076200R0000

b) 60% of bumper height at 10 mm/s



ASK safety mat

Safety mat ASK - standard sizes

Size (mm)	Description	Connectors	Type	Order code
750x1000	750x1000 safety mat with molded ramp rail and two 5 m cables.	1x M8 male 1x M8 female	Safety mat ASK T4 750x1000mm	2TLA076310R1000
1000x1000	1000x1000 safety mat with molded ramp rail and two 5 m cables.	1x M8 male 1x M8 female	Safety mat ASK T4 1000x1000mm	2TLA076310R1100
1000x1500	1000x1500 safety mat with molded ramp rail and two 5 m cables.	1x M8 male 1x M8 female	Safety mat ASK T4 1000x1500mm	2TLA076310R1200

Safety mat ASK - custom sizes

Description	Connectors	Type	Order code
Base price for custom made safety mat with molded ramp rail	-	Safety mat ASK CM T4, base price	2TLA076301R0200
Order code for size (m ²) and two 5 m cables. Specify dimensions (width x length in mm) in text.	1x M8 male 1x M8 female	Safety mat ASK CM T4	2TLA076301R0600