

FMSC-E-STM

Electronic switching device

Application

With help of the **electronic switching device FMSC-E-STM** safety contact mat and a Emergency-switch can be integrated into an existing machine in a fast and cost-effective way without modifying the existing safety circuits. To bypass the contact mat, a dead-man's switch could be integrated.

Scope of operation

- o Connection for:
 - 2 safety contact mat circuits
 - 1 dead-man's switch
 - Emergency stop switches
 - 1 reset switch
- o Optionaly with or without restart interlock
- o Integration into existing safety circuits with help of monitored conductor or directly with semiconductor outputs
- o Diagnosis output for
 - Hardware error of monitored conductors

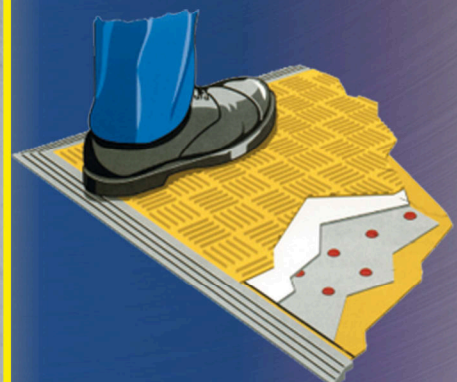
Scope of delivery

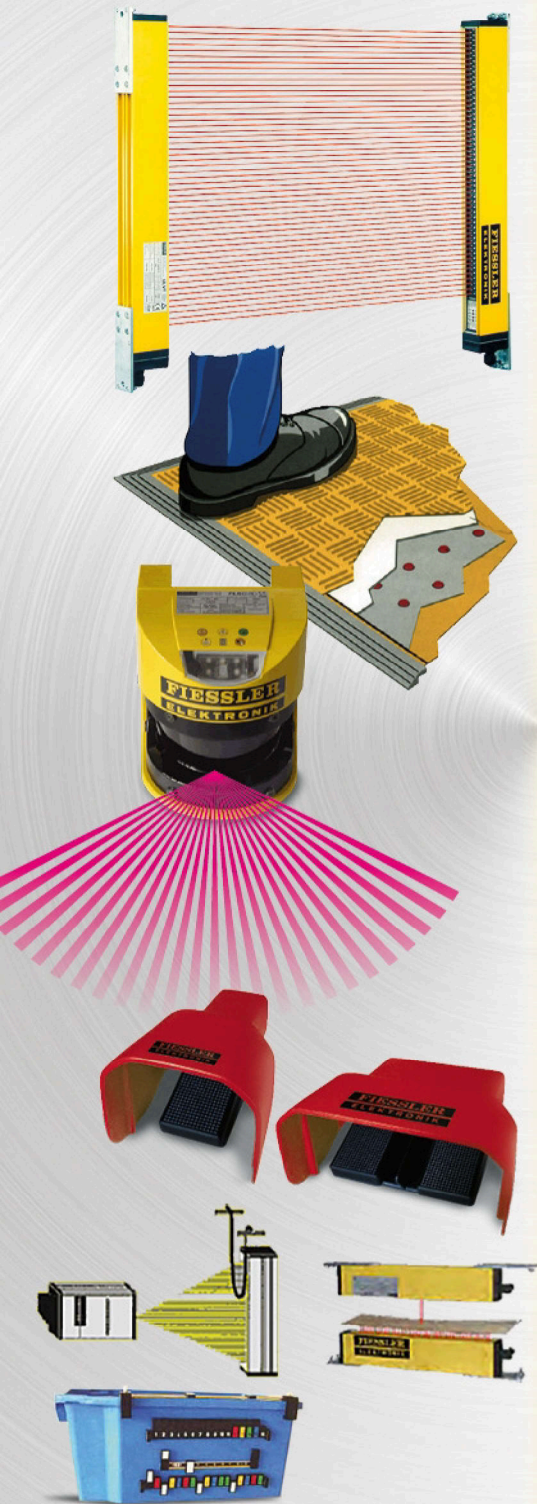
Electronic switching device FMSC-E-STM including integration proposal

Product recommendation

Suitable safety contact mats can be found at

www.fiessler.de





Innovative solutions

Safety light curtains

Cat 4, SIL 3, PL e
Protective field height up to 2,500 mm
High range up to 60 m
Finger or hand protection
Very short response time as of 2 ms
Switching device integrated
Blanking and cascading

Safety foot mats

Type 3, SIL 2, PL d
individual sizes and shapes
Series connection of up to ten mats
Surface in plastic, aluminium or stainless steel
Capacity of up to 2,000 N
High safety through closed-circuit protection

Safety laser scanner

Cat 3, SIL 2, PL d
Simple assembly
Protective field 4 m, range 7 m
Warning field 15 m
Measuring field 50 m range
Several areas programmable

Safety foot-switch

single or double pedal

Control, measure, regulate

Measuring light curtains
Hole detection devices
Directional counting light barriers
Loop sensors
Encoding strips