

## FMSC-E-FP

### Electronic switching device

## Application

With help of the **electronic switching device FMSC-E-FP** a second foot pedal can be integrated into an existing machine in a fast and cost-effective way without modifying the significant existing safety circuits. The outputs of the device will be integrated into the existing foot pedal circuits

## Scope of operation

- o Selection of foot pedal working mode
  - only foot pedal 1
  - only foot pedal 2
  - foot pedal 1 OR foot pedal 2
  - foot pedal 1 AND foot pedal 2
- o Connection of foot pedal 1 and foot pedal 2
- o Retrofit of foot pedal emergency stop circuit
- o Integration into existing safety circuits with ehlp of monitored conductor or directly with semiconductor outputs
- o Diagnosis outputs for
  - Hardware error of mode selector switch
  - Hardware error of the foot pedals
  - Hardware error of monitored conductors

## Scope of delivery

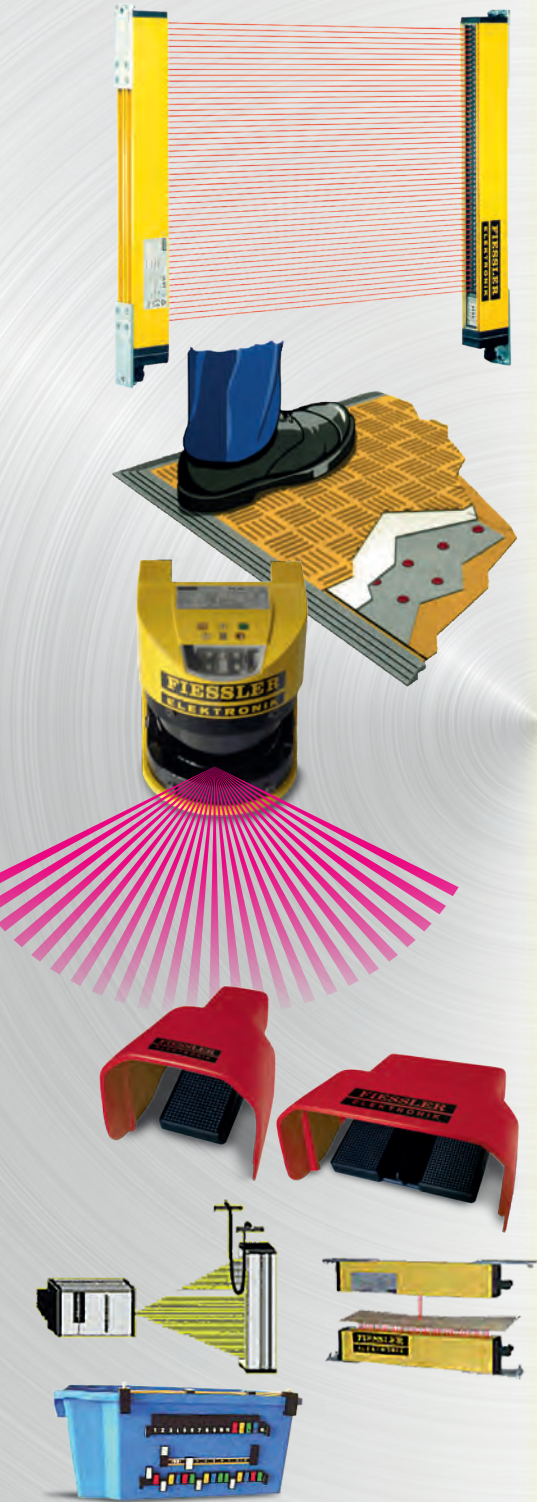
Electronic switching device FMSC-E-FP including integration proposal

## Product recommendation

Suitable foot switches can be found under

[www.fiessler.de](http://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