

Application

With help of the **electronic switching device FMSC-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 help 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-FP including integration proposal

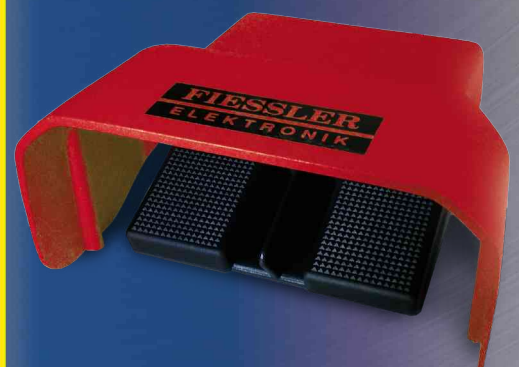
Product recommendation

Suitable foot switches can be found under

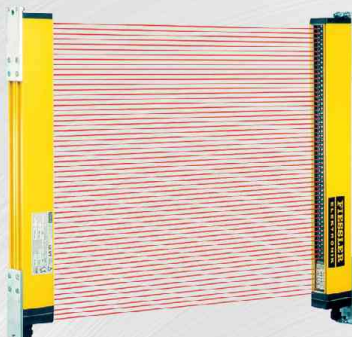
www.fiessler.de

FMSC-FP

Foot pedal retrofit



Innovative solutions



Safety light curtains

Type 4, SIL 3, PL e
high range up to 60 m
Very short response time as of 2 ms
Blanking and cascading

Type 2, SIL 1, PL c
Protective field height up to 2500 m
Finger and hand guard, entrance protection
Safety controller integrated



AKAS® press brake safety system

fully automatic adjustment after tool change
laser-optics safety light grid

innovative finger guard through continuous bending without stop

FMSC safety PLC

Emergency shutdown (fast shut down) max. 0.5 ms
Expandable with up to 16 expansion modules

Easiest programming
Cat 4, SIL 3, PL e

Safety contact mats

Type 3, SIL 2, PL d
Series connection of up to ten mats
Load capacity up to 2000N
single component casting also in several colors

individual sizes and shapes
Polyurethane, aluminum or Stainless steel surface
with integrally cast ramp rail available

Safety laser scanner

Cat 3, SIL 2, PL d
Protective field 4 m, range 7 m
Metering section 50 m range

Easy assembly
Warning field 15 m
Several programmable sections

Safety foot pedals

Single-pedal or double-pedal

Controlling, detecting and measuring

Measuring light curtains
Loop sensors
Directional counting light barriers

Hole detectors
Encoding strips