



**STRASSER**  
inspired by ideas

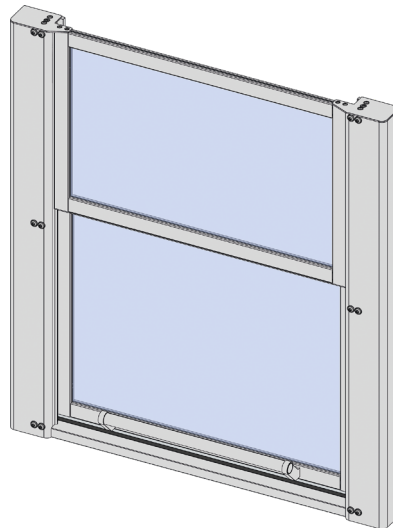


**MecLock<sup>®</sup> Safeguards**  
with integrated operator protection

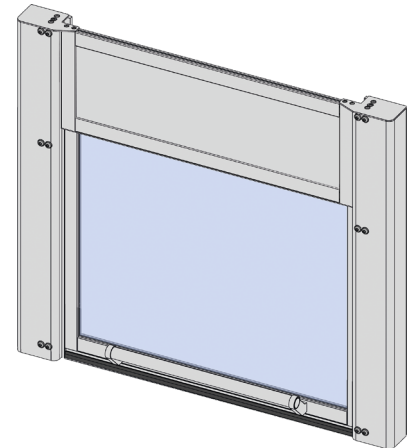
**INNOVATIONS 2021**

# Vertical safety windows – Overview

SFV.D-B01-M-1000-...



SFV.D-B01-M-1000-...



**Product specifications**

**Product specifications**

Safety window manually operated

**Product specifications**

Safety window with shortened panel for low clearance in closed position – clear space above is still required (pane frame moves up)

**Technical Data**

Actuator  
Stroke (max.)  
Clear width (max.)

**Technical Data**

manually operated  
1400 mm  
2000 mm

**Technical Data**

manually operated  
1400 mm  
2000 mm

**Versions**

FM (with lower strut)  
FO (without lower strut)  
FMV (with shortened panel)  
FOV (with shortened panel)

**Versions**

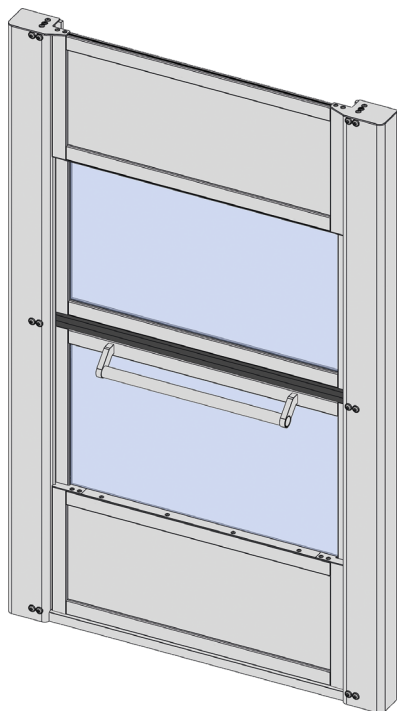
[p. 4](#)  
[p. 6](#)  
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**Versions**

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[p. 12](#)  
[p. 14](#)

**SFV.D-B01-M-1000-...-FS21**


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**Product specifications**


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Double-leaf safety window for reduced heights and two synchronously running pane frames

**Technical Data**


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manually operated

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1200 mm

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2000 mm

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**Versions**


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[p. 16](#)

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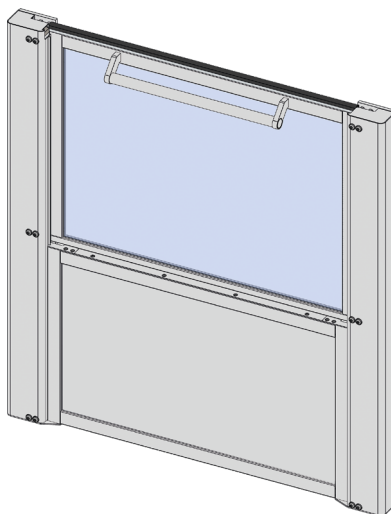
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**SFV.D-B01-M-1000-...-R2**


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**Product specifications**


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Safety window with closing direction from bottom to top

**Technical Data**


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manually operated

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1400 mm

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2000 mm

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**Versions**


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[p. 8](#)

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[p. 10](#)

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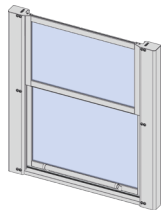
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# Vertical safety window SFV.D-B01-M-1000-FM

With lower strut – manually operated

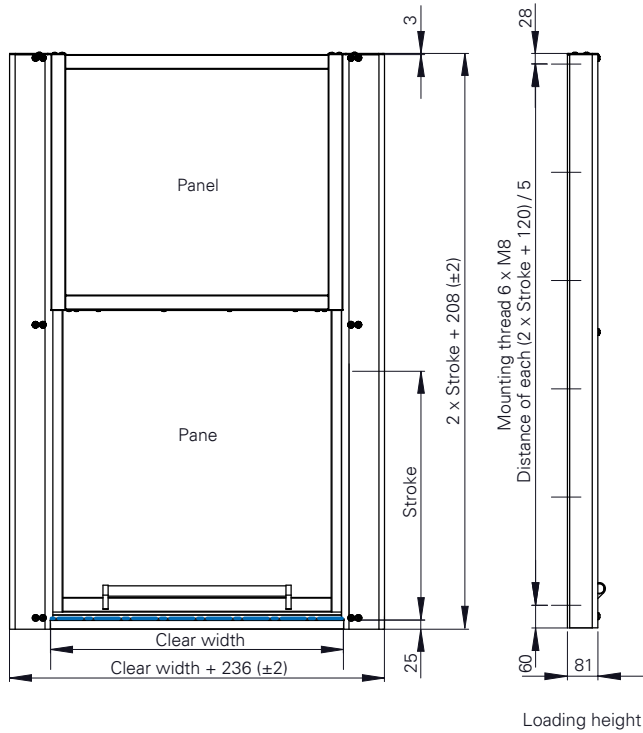
Order code	Step 1	Step 2	Step 3	Step 4 + 5	Step 6	Step 7
SFV.D-B01-M-1000	not selectable FM	Stroke H0800	Clear width L1000	not selectable FS11 – R1	Material pane MS10	Material panel MB10



## Vertical safety window SFV.D-B01-M-1000-FM

Product	SFV.D
Series	B01 (straight design)
Actuator	manually operated
Size	1000
Version	FM
Installation	Wall mounting
Mounting	Rear side

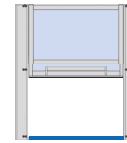
## Dimensions



## Step 1

### Versions

Window with lower strut



Front view with opened pane frame

### Code

FM

## Step 2

### Stroke

[mm]

### Code

Freely definable*	200 – 1400	Hxxxx
*) from clear width > 1400 mm the minimum stroke is 450 mm		

## Step 3

### Clear width

[mm]

### Code

Freely definable	400 – 2000*	Lxxxx
*) with intermediate profiles in pane and panel for safeguards with a clear width > 1000 mm		

## Step 4

### Design door leaf

### Code

Single-leaf	FS11
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## Step 5

### Closing direction

### Code

From top to bottom	R1
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## Step 6

### Material pane

### Code

PETG, 5 mm	MS10
Polycarbonate, 5 mm	MS20
Polycarbonate ESD-compatible, 5 mm	MS22
Aluminium, 3 mm	MS30

## Step 7

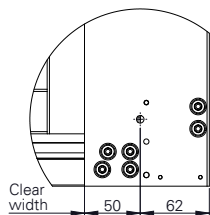
### Material panel

### Code

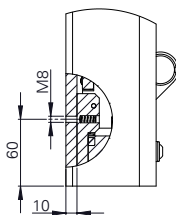
PETG, 5 mm	MB10
Polycarbonate, 5 mm	MB20
Polycarbonate ESD-compatible, 5 mm	MB22
Aluminium, 3 mm	MB30

## Mounting

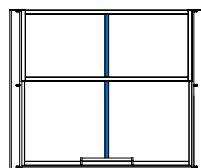
## Intern. profile



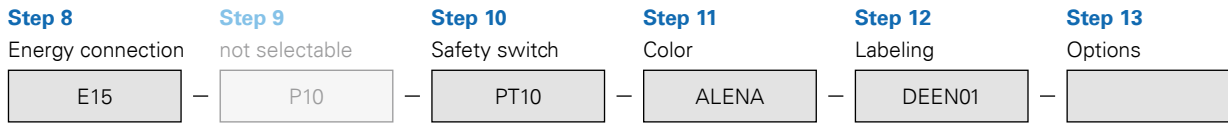
Rear side (detail base frame)



Screwing depth max. 10 mm (side view)



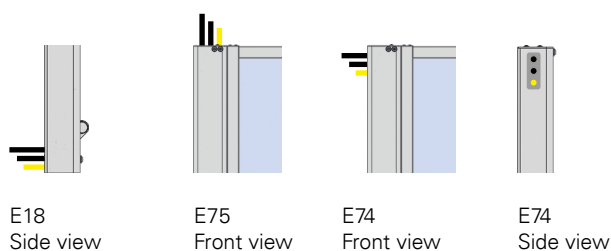
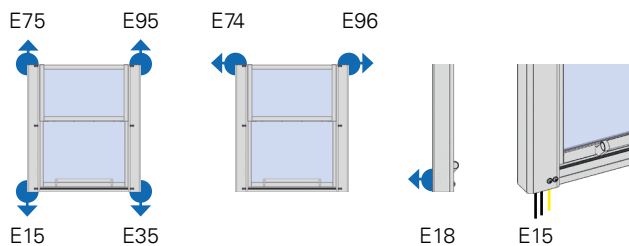
With intermediate profiles (clear width > 1000 mm)



### Step 8

Energy connection	Code
Bottom left, outlet straight down	E15
Bottom right, outlet straight down	E35
Bottom left, rear outlet	E18
Bottom right, rear outlet	E38
Top left, outlet top	E75
Top right, outlet top	E95
Top left, outlet left	E74
Top right, outlet right	E96

Position for outlet connection lines, unguided. The freely available length from the cable outlet depends on the stroke and the position of the cable outlet.



### Step 9

Safety switch	Code
Position closed	P10

### Step 10

Safety switch type	Code
Euchner CES-A-LNN-SC M8 / CES-A-BBN*	PT10
Euchner CES-I-AP-U-C04-SK M8 / CES-A-BBN-C04	PT12
Euchner CES-I-AP-U-C04-USI M12 / CES-A-BBN-C04	PT14
Pilz PSEN cs3.1p M8 / PSEN cs3.1	PT20
Pilz PSEN cs3.19n M12 / PSEN cs3.19	PT23
Pilz PSEN cs3.1 M12/8-0.15m / PSEN cs3.1	PT25
Schmersal RSS260-D-ST M8 / RST260-1	PT32
ABB Adam DYN-Info M12-5 / EVA General Code	PT41

\*) An external evaluation unit is required for this type.

Matching evaluation units see accessories in the [main catalog](#).

Length of the built-in connection cable for safety switch: 10 m.

The remaining cable length for the safety switch integration depends on the selected stroke and the cable outlet position.

### Step 11

Color	Surface, gloss level	Code
Aluminum	natural anodized	ALENA
RAL color (4-digit number)	smooth, glossy	xxxxGLGLZ

(Overview RAL colors see [main catalog](#))

### Step 12

Labeling	Code
Strasser logo	DEEN01
Without logo	DEEN00

### Step 13 – Options

Interlock	Code
Electric actuator, safety switch ifm GF711S	ZZ280

Length of connecting cables interlock 10 m.

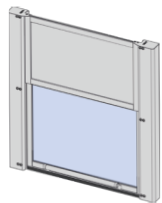
The freely available length from the cable outlet depends on the stroke and the position of the cable outlet.

Further information about single configuration steps and closing times can be found in the appendix of the main catalog.

# Vertical safety window SFV.D-B01-M-1000-FO

Without lower strut – manually operated

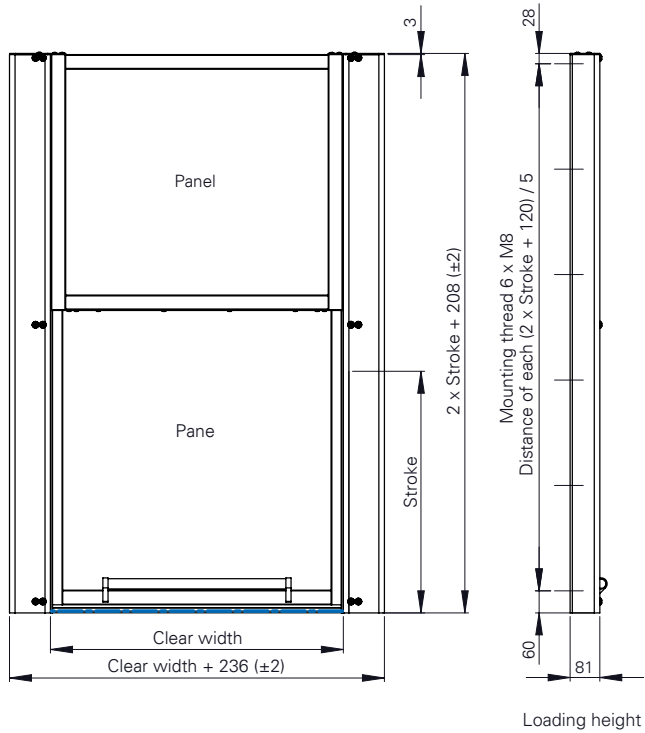
Order code	Step 1 not selectable	Step 2 Stroke	Step 3 Clear width	Step 4 + 5 not selectable	Step 6 Material pane	Step 7 Material panel
SFV.D-B01-M-1000	FO	H0800	L1000	FS11 – R1	MS10	MB30



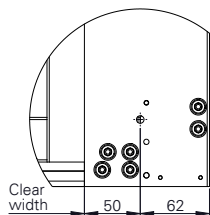
## Vertical safety window SFV.D-B01-M-1000-FO

Product	SFV.D
Series	B01 (straight design)
Actuator	manually operated
Size	1000
Version	FO
Installation	Wall mounting
Mounting	Rear side

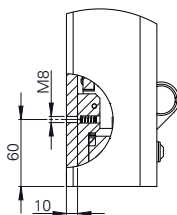
## Dimensions



## Mounting

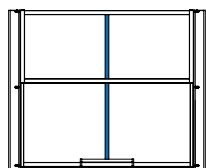


Rear side (detail base frame)



Screwing depth max. 10 mm (side view)

## Intern. profile



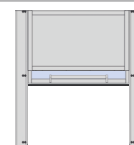
With intermediate profiles (clear width > 1000 mm)

## Step 1

### Versions

Window without lower strut

Front view with opened pane frame



### Code

FO

## Step 2

### Stroke

	[mm]	Code
Freely definable*	200 – 1400	Hxxxx

\*) from clear width > 1400 mm the minimum stroke is 450 mm

## Step 3

### Clear width

	[mm]	Code
Freely definable	400 – 2000*	Lxxxx

\*) with intermediate profiles in pane and panel for safeguards with a clear width > 1000 mm

## Step 4

### Design door leaf

	Code
Single-leaf	FS11

## Step 5

### Closing direction

	Code
From top to bottom	R1

## Step 6

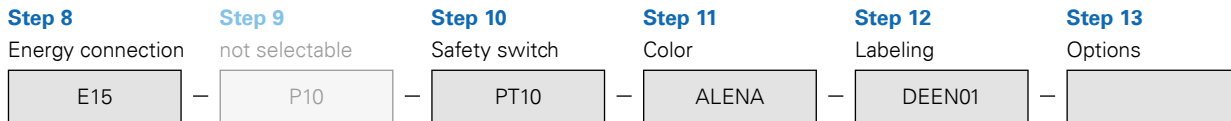
### Material pane

	Code
PETG, 5 mm	MS10
Polycarbonate, 5 mm	MS20
Polycarbonate ESD-compatible, 5 mm	MS22
Aluminium, 3 mm	MS30

## Step 7

### Material panel

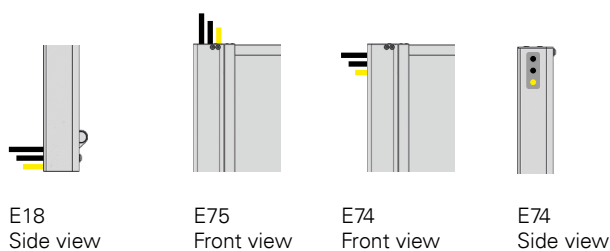
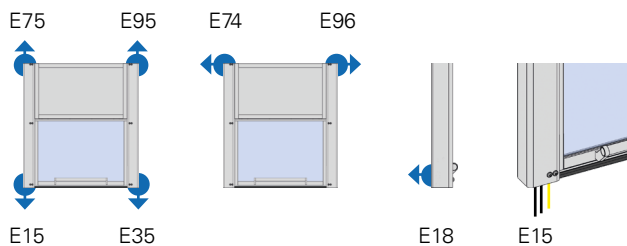
	Code
Aluminium, 3 mm	MB30



### Step 8

Energy connection	Code
Bottom left, outlet straight down	E15
Bottom right, outlet straight down	E35
Bottom left, rear outlet	E18
Bottom right, rear outlet	E38
Top left, outlet top	E75
Top right, outlet top	E95
Top left, outlet left	E74
Top right, outlet right	E96

Position for outlet connection lines, unguided. The freely available length from the cable outlet depends on the stroke and the position of the cable outlet on the safeguards.



### Step 9

Safety switch	Code
Position closed	P10

### Step 10

Safety switch type	Code
Euchner CES-A-LNN-SC M8 / CES-A-BBN*	PT10
Euchner CES-I-AP-U-C04-SK M8 / CES-A-BBN-C04	PT12
Euchner CES-I-AP-U-C04-USI M12 / CES-A-BBN-C04	PT14
Pilz PSEN cs3.1p M8 / PSEN cs3.1	PT20
Pilz PSEN cs3.19n M12 / PSEN cs3.19	PT23
Pilz PSEN cs3.1 M12/8-0.15m / PSEN cs3.1	PT25
Schmersal RSS260-D-ST M8 / RST260-1	PT32
ABB Adam DYN-Info M12-5 / EVA General Code	PT41

\*) An external evaluation unit is required for this type.

Matching evaluation units see accessories in the [main catalog](#).

Length of the built-in connection cable for safety switch: 10 m.

The remaining cable length for the safety switch integration depends on the selected stroke and the cable outlet position.

### Step 11

Color	Surface, gloss level	Code
Aluminum	natural anodized	ALENA
RAL color (4-digit number)	smooth, glossy	xxxxGLGLZ

(Overview RAL colors see [main catalog](#))

### Step 12

Labeling	Code
Strasser logo	DEEN01
Without logo	DEEN00

### Step 13 – Options

Interlock	Code
Electric actuator, safety switch ifm GF711S	ZZ280

Length of connecting cables interlock 10 m.

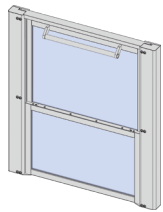
The freely available length from the cable outlet depends on the stroke and the position of the cable outlet.

Further information about single configuration steps and closing times can be found in the appendix of the main catalog.

# Vertical safety window SFV.D-B01-M-1000-FM-...-R2

Closing direction from bottom to top with upper strut – manually operated

Order code	Step 1	Step 2	Step 3	Step 4 + 5	Step 6	Step 7
SFV.D-B01-M-1000	not selectable FM	Stroke H0800	Clear width L1000	not selectable FS11 – R2	Material pane MS10	Material panel MB10



## Vertical safety window

### SFV.D-B01-M-1000-FM-...-R2

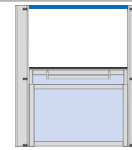
Product	SFV.D
Series	B01 (straight design)
Actuator	manually operated
Size	1000
Version	FM
Installation	Wall mounting
Mounting	Rear side

## Step 1

### Versions

Window  
with upper strut

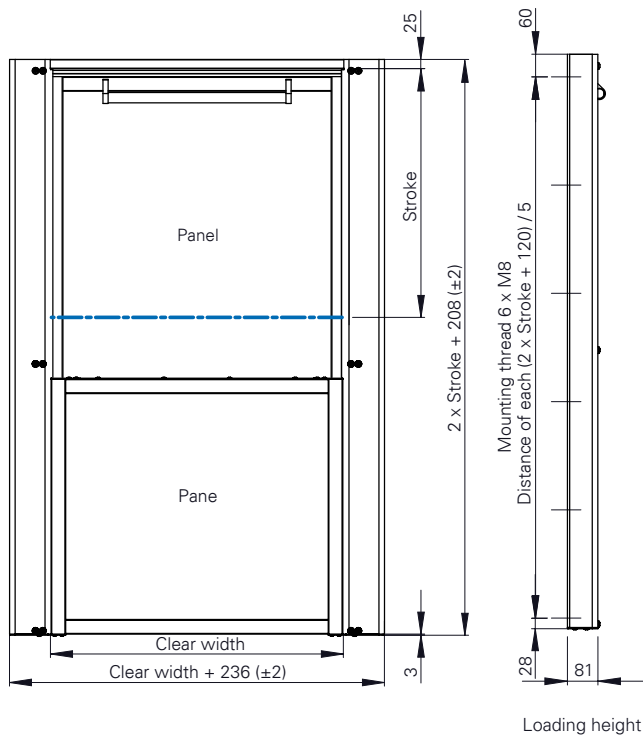
Front view with opened  
pane frame



### Code

FM

## Dimensions



## Step 2

### Stroke

[mm]

### Code

Freely definable\*

200 – 1400

Hxxxx

\*) from clear width > 1400 mm the minimum stroke is 450 mm

## Step 3

### Clear width

[mm]

### Code

Freely definable

400 – 2000\*

Lxxxx

\*) with intermediate profiles in pane and panel for safeguards with a clear width > 1000 mm

## Step 4

### Design door leaf

Single-leaf

### Code

FS11

## Step 5

### Closing direction

From bottom to top

### Code

R2

## Step 6

### Material pane

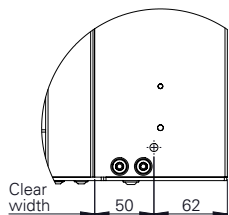
PETG, 5 mm  
Polycarbonate, 5 mm  
Polycarbonate ESD-compatible, 5 mm  
Aluminium, 3 mm

### Code

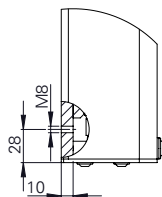
MS10  
MS20  
MS22  
MS30

## Mounting

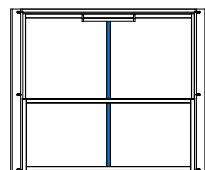
## Intern. profile



Rear side  
(detail base frame)



Screwing depth  
max. 10 mm  
(side view)



With intermediate  
profiles (clear width  
> 1000 mm)

## Step 7

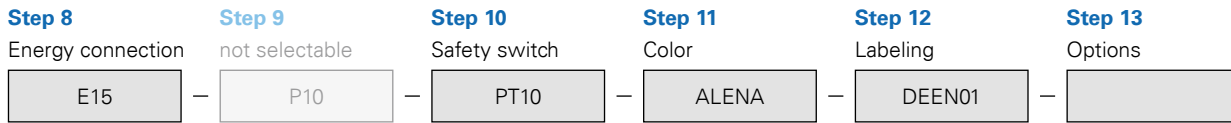
### Material panel

PETG, 5 mm  
Polycarbonate, 5 mm  
Polycarbonate ESD-compatible, 5 mm  
Aluminium, 3 mm

### Code

MB10  
MB20  
MB22  
MB30

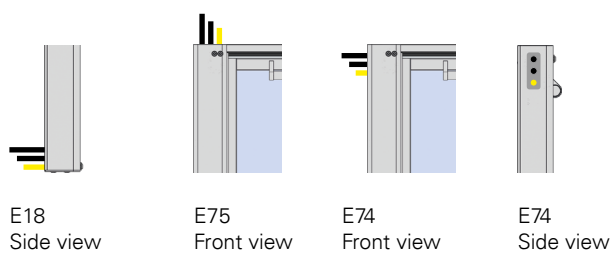
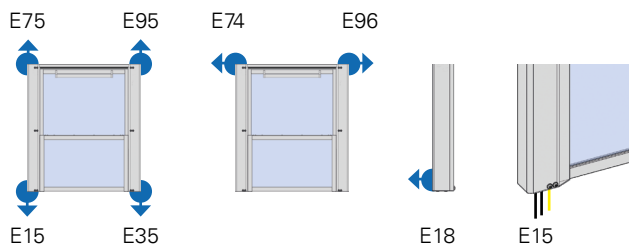




### Step 8

Energy connection	Code
Bottom left, outlet straight down	E15
Bottom right, outlet straight down	E35
Bottom left, rear outlet	E18
Bottom right, rear outlet	E38
Top left, outlet top	E75
Top right, outlet top	E95
Top left, outlet left	E74
Top right, outlet right	E96

Position for outlet connection lines, unguided. The freely available length from the cable outlet depends on the stroke and the position of the cable outlet on the safeguards.



### Step 9

Safety switch	Code
Position closed	P10

### Step 10

Safety switch type	Code
Euchner CES-A-LNN-SC M8 / CES-A-BBN*	PT10
Euchner CES-I-AP-U-C04-SK M8 / CES-A-BBN-C04	PT12
Euchner CES-I-AP-U-C04-USI M12 / CES-A-BBN-C04	PT14
Pilz PSEN cs3.1p M8 / PSEN cs3.1	PT20
Pilz PSEN cs3.19n M12 / PSEN cs3.19	PT23
Pilz PSEN cs3.1 M12/8-0.15m / PSEN cs3.1	PT25
Schmersal RSS260-D-ST M8 / RST260-1	PT32
ABB Adam DYN-Info M12-5 / EVA General Code	PT41

\*) An external evaluation unit is required for this type.

Matching evaluation units see accessories in the [main catalog](#).

Length of the built-in connection cable for safety switch: 10 m.

The remaining cable length for the safety switch integration depends on the selected stroke and the cable outlet position.

### Step 11

Color	Surface, gloss level	Code
Aluminum	natural anodized	ALENA
RAL color (4-digit number)	smooth, glossy	xxxxGLGLZ

(Overview RAL colors see [main catalog](#))

### Step 12

Labeling	Code
Strasser logo	DEEN01
Without logo	DEEN00

### Step 13 – Options

Interlock	Code
Electric actuator, safety switch ifm GF711S	ZZ280

Length of connecting cables interlock 10 m.

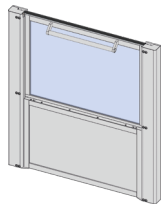
The freely available length from the cable outlet depends on the stroke and the position of the cable outlet.

Further information about single configuration steps and closing times can be found in the appendix of the main catalog.

# Vertical safety window SFV.D-B01-M-1000-FO-...-R2

## Closing direction from bottom to top without upper strut – manually operated

Order code	Step 1	Step 2	Step 3	Step 4 + 5	Step 6	Step 7
	not selectable	Stroke	Clear width	not selectable	Material pane	Material panel
SFV.D-B01-M-1000	FO	H0800	L1000	FS11 – R2	MS10	MB30

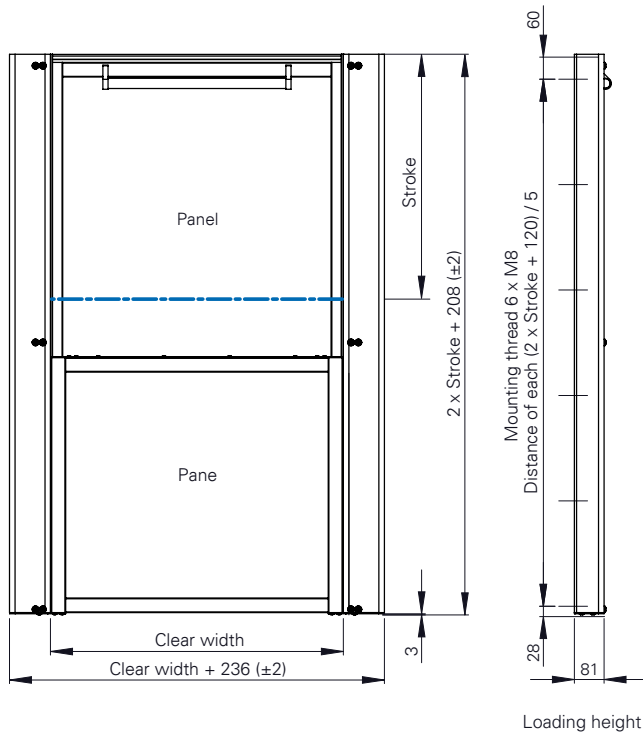


### Vertical safety window

#### SFV.D-B01-M-1000-FO-...-R2

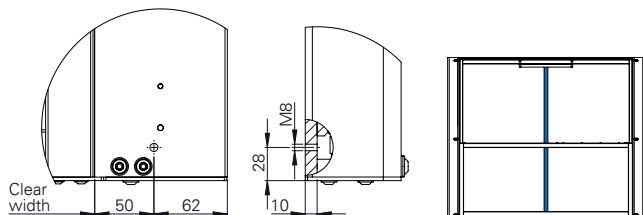
Product	SFV.D
Series	B01 (straight design)
Actuator	manually operated
Size	1000
Version	FO
Installation	Wall mounting
Mounting	Rear side

### Dimensions



### Mounting

### Intern. profile



Rear side  
(detail base frame)

Screwing depth  
max. 10 mm  
(side view)

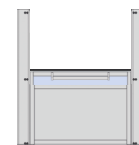
With intermediate  
profiles (clear width  
> 1000 mm)

### Step 1

#### Versions

Window  
without upper strut

Front view with opened  
pane frame



#### Code

FO

### Step 2

#### Stroke

[mm]

#### Code

Freely definable\*

200 – 1400

Hxxxx

\*) from clear width > 1400 mm the minimum stroke is 450 mm

### Step 3

#### Clear width

[mm]

#### Code

Freely definable

400 – 2000\*

Lxxxx

\*) with intermediate profiles in pane and panel for safeguards with a clear width > 1000 mm

### Step 4

#### Design door leaf

Single-leaf

#### Code

FS11

### Step 5

#### Closing direction

From bottom to top

#### Code

R2

### Step 6

#### Material pane

PETG, 5 mm

Polycarbonate, 5 mm

Polycarbonate ESD-compatible, 5 mm

Aluminium, 3 mm

#### Code

MS10

MS20

MS22

MS30

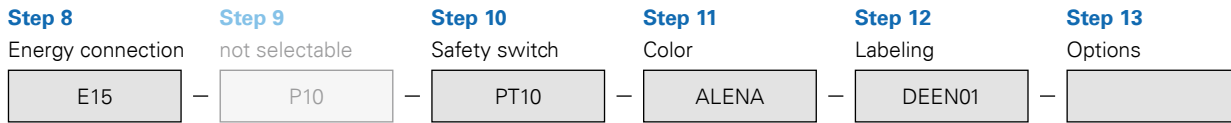
### Step 7

#### Material panel

Aluminium, 3 mm

#### Code

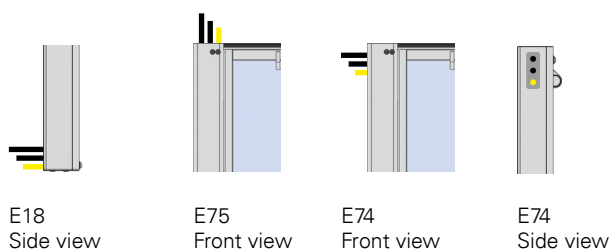
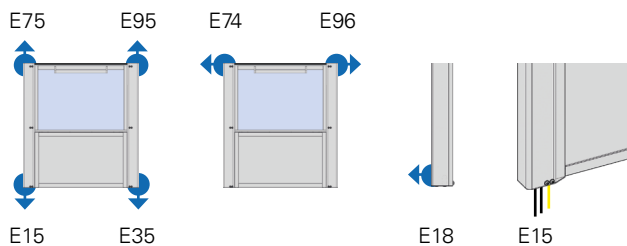
MB30



### Step 8

Energy connection	Code
Bottom left, outlet straight down	E15
Bottom right, outlet straight down	E35
Bottom left, rear outlet	E18
Bottom right, rear outlet	E38
Top left, outlet top	E75
Top right, outlet top	E95
Top left, outlet left	E74
Top right, outlet right	E96

Position for outlet connection lines, unguided. The freely available length from the cable outlet depends on the stroke and the position of the cable outlet on the safeguards.



### Step 9

Safety switch	Code
Position closed	P10

### Step 10

Safety switch type	Code
Euchner CES-A-LNN-SC M8 / CES-A-BBN*	PT10
Euchner CES-I-AP-U-C04-SK M8 / CES-A-BBN-C04	PT12
Euchner CES-I-AP-U-C04-USI M12 / CES-A-BBN-C04	PT14
Pilz PSEN cs3.1p M8 / PSEN cs3.1	PT20
Pilz PSEN cs3.19n M12 / PSEN cs3.19	PT23
Pilz PSEN cs3.1 M12/8-0.15m / PSEN cs3.1	PT25
Schmersal RSS260-D-ST M8 / RST260-1	PT32
ABB Adam DYN-Info M12-5 / EVA General Code	PT41

\*) An external evaluation unit is required for this type.

Matching evaluation units see accessories in the [main catalog](#).

Length of the built-in connection cable for safety switch: 10 m.

The remaining cable length for the safety switch integration depends on the selected stroke and the cable outlet position.

### Step 11

Color	Surface, gloss level	Code
Aluminum	natural anodized	ALENA
RAL color (4-digit number)	smooth, glossy	xxxxGLGLZ

(Overview RAL colors see [main catalog](#))

### Step 12

Labeling	Code
Strasser logo	DEEN01
Without logo	DEEN00

### Step 13 – Options

Interlock	Code
Electric actuator, safety switch ifm GF711S	ZZ280

Length of connecting cables interlock 10 m.

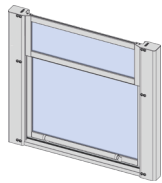
The freely available length from the cable outlet depends on the stroke and the position of the cable outlet.

Further information about single configuration steps and closing times can be found in the appendix of the main catalog.

# Vertical safety window SFV.D-B01-M-1000-FMVxxxx

## With shortened panel and lower strut – manually operated

Order code	Step 1 Versions	Step 2 Stroke	Step 3 Clear width	Step 4 + 5 not selectable	Step 6 Material pane	Step 7 Material panel
SFV.D-B01-M-1000	FMV0400	H0800	L1000	FS11 – R1	MS10	MB10

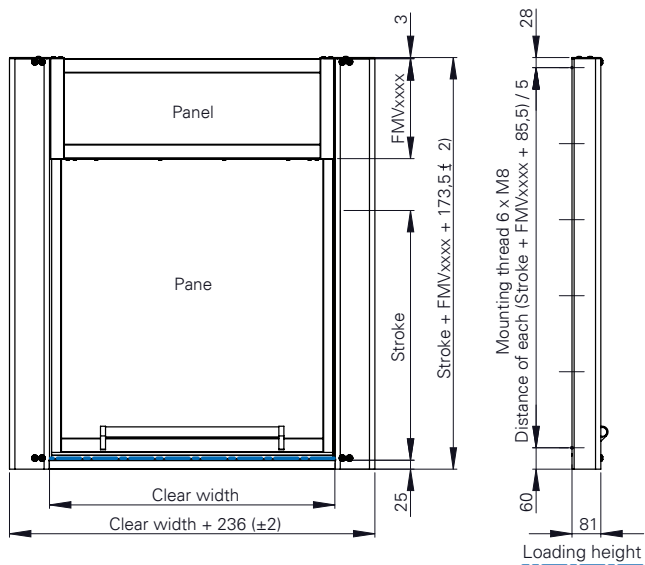


### Vertical safety window

#### SFV.D-B01-M-1000-FMVxxxx

Product	SFV.D
Series	B01 (straight design)
Actuator	manually operated
Size	1000
Version	FMV
Installation	Wall mounting
Mounting	Rear side

### Dimensions



### Versions

#### FM

#### FMVxxxx

If the upper panel is shortened, the panel frame extends upwards. The installation height is reduced while the fully unobstructed upper space is still needed for operation.

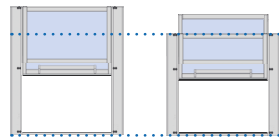
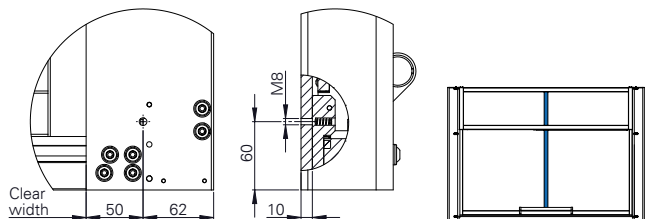


Fig.: Front view with opened pane frame

### Mounting

#### Intern. profile



Rear side  
(detail base frame)

Screwing depth  
max. 10 mm  
(side view)

With intermediate  
profiles (clear width  
> 1000 mm)

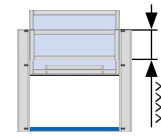
### Step 1

#### Versions and dimensions upper panel

Window with lower strut and shortened panel

xxxx = min. 0,4 x stroke

Front view with opened pane frame



#### Code

FMVxxxx

### Step 2

#### Stroke

[mm]

#### Code

Freely definable\*

200 – 1400

Hxxxx

\*) from clear width > 1400 mm the minimum stroke is 450 mm

### Step 3

#### Clear width

[mm]

#### Code

Freely definable

400 – 2000\*

Lxxxx

\*) with intermediate profiles in pane and panel for safeguards with a clear width > 1000 mm

### Step 4

#### Design door leaf

Single-leaf

#### Code

FS11

### Step 5

#### Closing direction

From top to bottom

#### Code

R1

### Step 6

#### Material pane

PETG, 5 mm

Polycarbonate, 5 mm

Polycarbonate ESD-compatible, 5 mm

Aluminium, 3 mm

#### Code

MS10

MS20

MS22

MS30

### Step 7

#### Material panel

PETG, 5 mm

Polycarbonate, 5 mm

Polycarbonate ESD-compatible, 5 mm

Aluminium, 3 mm

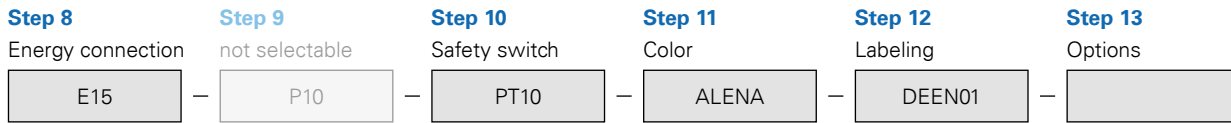
#### Code

MB10

MB20

MB22

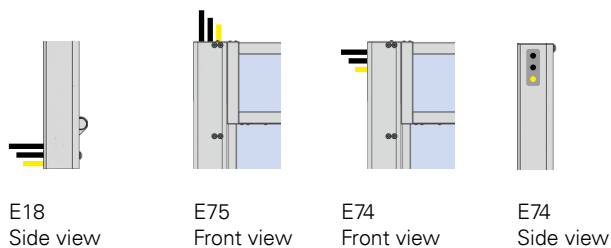
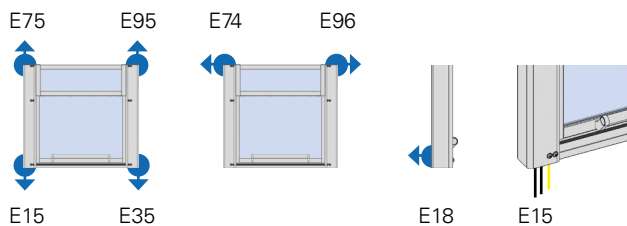
MB30



### Step 8

Energy connection	Code
Bottom left, outlet straight down	E15
Bottom right, outlet straight down	E35
Bottom left, rear outlet	E18
Bottom right, rear outlet	E38
Top left, outlet top	E75
Top right, outlet top	E95
Top left, outlet left	E74
Top right, outlet right	E96

Position for outlet connection lines, unguided. The freely available length from the cable outlet depends on the stroke and the position of the cable outlet on the safeguards.



### Step 9

Safety switch	Code
Position closed	P10

### Step 10

Safety switch type	Code
Euchner CES-A-LNN-SC M8 / CES-A-BBN*	PT10
Euchner CES-I-AP-U-C04-SK M8 / CES-A-BBN-C04	PT12
Euchner CES-I-AP-U-C04-USI M12 / CES-A-BBN-C04	PT14
Pilz PSEN cs3.1p M8 / PSEN cs3.1	PT20
Pilz PSEN cs3.19n M12 / PSEN cs3.19	PT23
Pilz PSEN cs3.1 M12/8-0.15m / PSEN cs3.1	PT25
Schmersal RSS260-D-ST M8 / RST260-1	PT32
ABB Adam DYN-Info M12-5 / EVA General Code	PT41

\*) An external evaluation unit is required for this type.

Matching evaluation units see accessories in the [main catalog](#).

Length of the built-in connection cable for safety switch: 10 m.

The remaining cable length for the safety switch integration depends on the selected stroke and the cable outlet position.

### Step 11

Color	Surface, gloss level	Code
Aluminum	natural anodized	ALENA
RAL color (4-digit number)	smooth, glossy	xxxxGLGLZ

(Overview RAL colors see [main catalog](#))

### Step 12

Labeling	Code
Strasser logo	DEEN01
Without logo	DEEN00

### Step 13 – Options

Interlock	Code
Electric actuator, safety switch ifm GF711S	ZZ280

Length of connecting cables interlock 10 m.

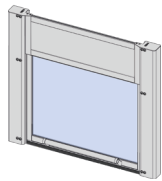
The freely available length from the cable outlet depends on the stroke and the position of the cable outlet.

Further information about single configuration steps and closing times can be found in the appendix of the main catalog.

# Vertical safety window SFV.D-B01-M-1000-FOVxxxx

## With shortened panel and without lower strut – manually operated

Order code	Step 1 Versions	Step 2 Stroke	Step 3 Clear width	Step 4 + 5 not selectable	Step 6 Material pane	Step 7 Material panel
SFV.D-B01-M-1000	FOV0400	H0800	L1000	FS11 – R1	MS10	MB30

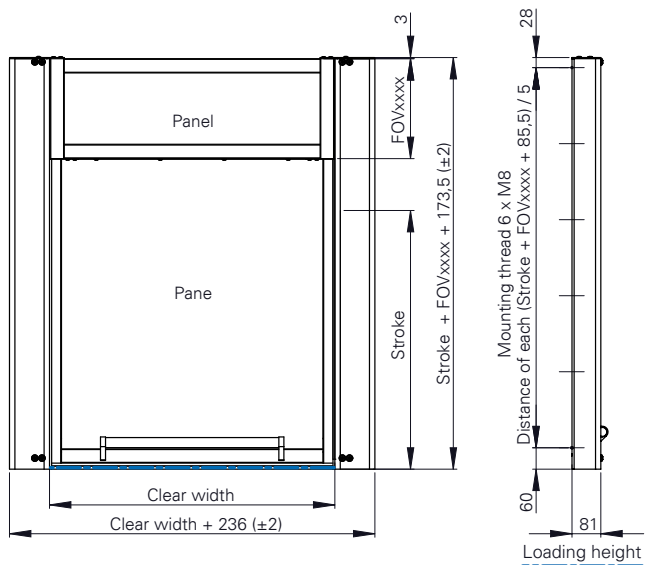


### Vertical safety window

#### SFV.D-B01-M-1000-FOVxxxx

Product	SFV.D
Series	B01 (straight design)
Actuator	manually operated
Size	1000
Version	FOV
Installation	Wall mounting
Mounting	Rear side

### Dimensions



### Versions

#### FO

#### FOVxxxx

If the upper panel is shortened, the panel frame extends upwards. The installation height is reduced while the fully unobstructed upper space is still needed for operation.

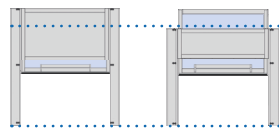
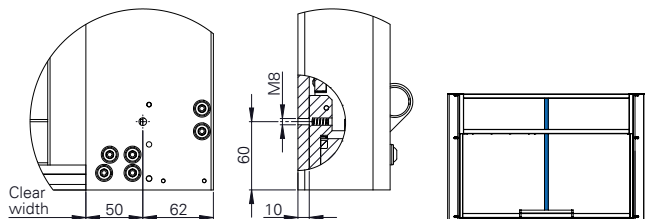


Fig.: Front view with opened pane frame

### Mounting

#### Intern. profile



Rear side  
(detail base frame)

Screwing depth  
max. 10 mm  
(side view)

With intermediate  
profiles (clear width  
> 1000 mm)

### Step 1

#### Versions and dimensions upper panel

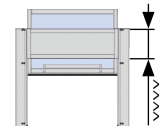
Window without lower strut and shortened panel

#### Code

FOVxxxx

xxxx = min. 0,4 x stroke

Front view with opened  
pane frame



### Step 2

#### Stroke

[mm]

#### Code

Freely definable\* 200 – 1400 Hxxxx

\*) from clear width > 1400 mm the minimum stroke is 450 mm

### Step 3

#### Clear width

[mm]

#### Code

Freely definable 400 – 2000\* Lxxxx

\*) with intermediate profiles in pane and panel for safeguards with a clear width > 1000 mm

### Step 4

#### Design door leaf

#### Code

Single-leaf

FS11

### Step 5

#### Closing direction

#### Code

From top to bottom

R1

### Step 6

#### Material pane

#### Code

PETG, 5 mm

MS10

Polycarbonate, 5 mm

MS20

Polycarbonate ESD-compatible, 5 mm

MS22

Aluminium, 3 mm

MS30

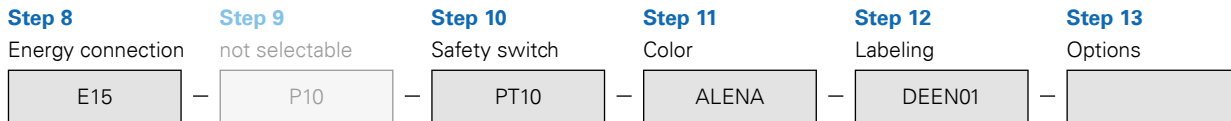
### Step 7

#### Material panel

#### Code

Aluminium, 3 mm

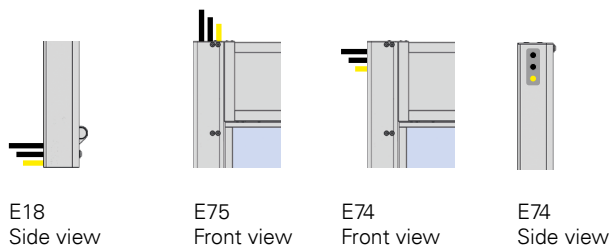
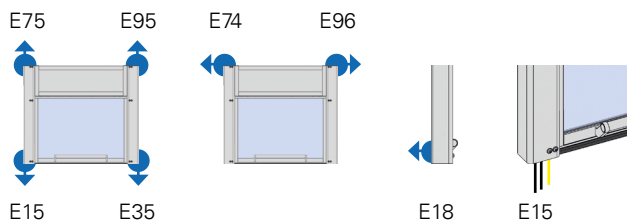
MB30



### Step 8

Energy connection	Code
Bottom left, outlet straight down	E15
Bottom right, outlet straight down	E35
Bottom left, rear outlet	E18
Bottom right, rear outlet	E38
Top left, outlet top	E75
Top right, outlet top	E95
Top left, outlet left	E74
Top right, outlet right	E96

Position for outlet connection lines, unguided. The freely available length from the cable outlet depends on the stroke and the position of the cable outlet on the safeguards.



### Step 9

Safety switch	Code
Position closed	P10

### Step 10

Safety switch type	Code
Euchner CES-A-LNN-SC M8 / CES-A-BBN*	PT10
Euchner CES-I-AP-U-C04-SK M8 / CES-A-BBN-C04	PT12
Euchner CES-I-AP-U-C04-USI M12 / CES-A-BBN-C04	PT14
Pilz PSEN cs3.1p M8 / PSEN cs3.1	PT20
Pilz PSEN cs3.19n M12 / PSEN cs3.19	PT23
Pilz PSEN cs3.1 M12/8-0.15m / PSEN cs3.1	PT25
Schmersal RSS260-D-ST M8 / RST260-1	PT32
ABB Adam DYN-Info M12-5 / EVA General Code	PT41

\*) An external evaluation unit is required for this type.

Matching evaluation units see accessories in the [main catalog](#).

Length of the built-in connection cable for safety switch: 10 m.

The remaining cable length for the safety switch integration depends on the selected stroke and the cable outlet position.

### Step 11

Color	Surface, gloss level	Code
Aluminum	natural anodized	ALENA
RAL color (4-digit number)	smooth, glossy	xxxxGLGLZ

(Overview RAL colors see [main catalog](#))

### Step 12

Labeling	Code
Strasser logo	DEEN01
Without logo	DEEN00

### Step 13 – Options

Interlock	Code
Electric actuator, safety switch ifm GF711S	ZZ280

Length of connecting cables interlock 10 m.

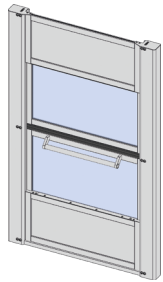
The freely available length from the cable outlet depends on the stroke and the position of the cable outlet.

Further information about single configuration steps and closing times can be found in the appendix of the main catalog.

# Vertical safety window SFV.D-B01-M-1000-FM-...-FS21

## Double-leaf design – manually operated

Order code	Step 1 Versions	Step 2 Stroke	Step 3 Clear width	Step 4 + 5 not selectable	Step 6 Material pane	Step 7 Material panel
SFV.D-B01-M-1000	FMV0400	H0800	L1000	FS11 – R5	MS10	MB10

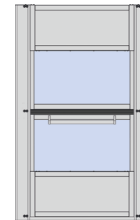


### Double-leaf safety window SFV.D-B01-M-1000-FM-...-FS21

Product	SFV.D
Series	B01 (straight design)
Actuator	manually operated
Size	1000
Version	FM
Installation	Wall mounting
Mounting	Rear side

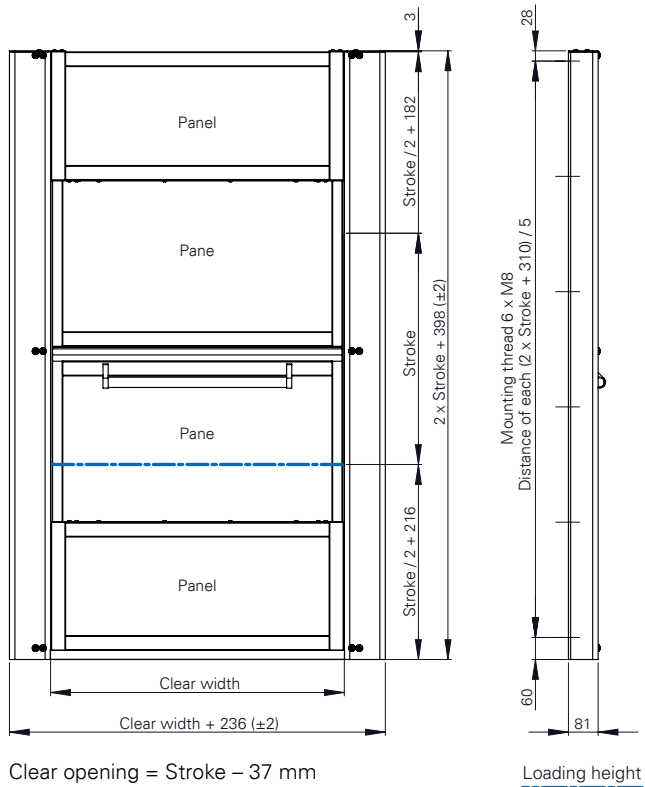
### Step 1

Versions	Code
Window with lower strut	FM



Front view

### Dimensions



### Step 2

Stroke	[mm]	Code
Freely definable	400 – 1200	Hxxxx

### Step 3

Clear width	[mm]	Code
Freely definable	400 – 2000*	Lxxxx

\*) with intermediate profiles in pane and panel for safeguards with a clear width > 1000 mm

### Step 4

Design door leaf	Code
Double-leaf	FS21

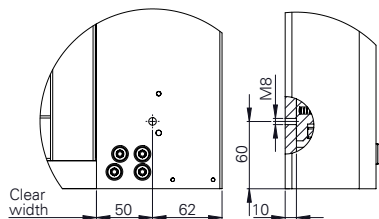
### Step 5

Closing direction	Code
Both sides	R5

### Step 6

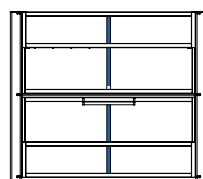
Material pane	Code
PETG, 5 mm	MS10
Polycarbonate, 5 mm	MS20
Polycarbonate ESD-compatible, 5 mm	MS22
Aluminium, 3 mm	MS30

### Mounting



Rear side  
(detail base frame)

### Intern. profile



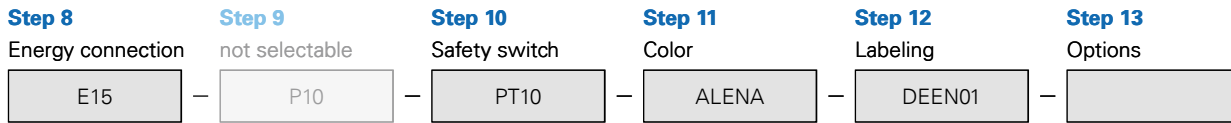
Screwing depth  
max. 10 mm  
(side view)

With intermediate  
profiles (clear width  
> 1000 mm)

### Step 7

Material panel	Code
Aluminium, 3 mm	MB30

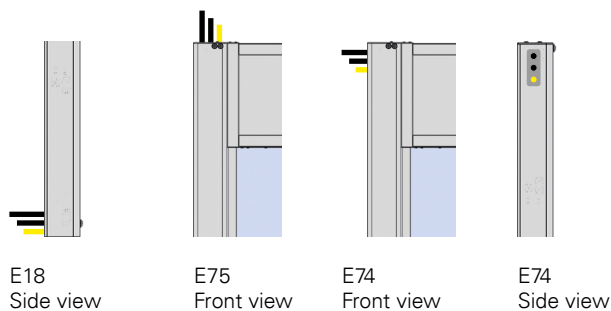
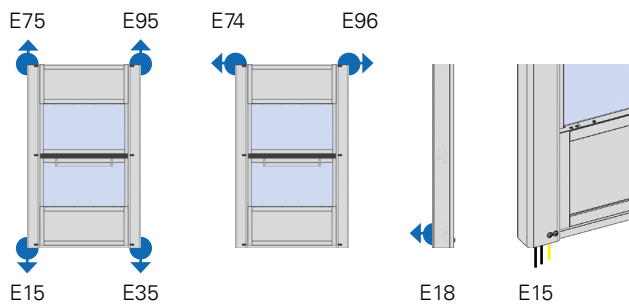




### Step 8

Energy connection	Code
Bottom left, outlet straight down	E15
Bottom right, outlet straight down	E35
Bottom left, rear outlet	E18
Bottom right, rear outlet	E38
Top left, outlet top	E75
Top right, outlet top	E95
Top left, outlet left	E74
Top right, outlet right	E96

Position for outlet connection lines, unguided. The freely available length from the cable outlet depends on the stroke and the position of the cable outlet on the safeguards.



### Step 9

Safety switch	Code
Position closed	P10

### Step 10

Safety switch type	Code
Euchner CES-A-LNN-SC M8 / CES-A-BBN*	PT10
Euchner CES-I-AP-U-C04-SK M8 / CES-A-BBN-C04	PT12
Euchner CES-I-AP-U-C04-USI M12 / CES-A-BBN-C04	PT14
Pilz PSEN cs3.1p M8 / PSEN cs3.1	PT20
Pilz PSEN cs3.19n M12 / PSEN cs3.19	PT23
Pilz PSEN cs3.1 M12/8-0.15m / PSEN cs3.1	PT25
Schmersal RSS260-D-ST M8 / RST260-1	PT32
ABB Adam DYN-Info M12-5 / EVA General Code	PT41

\*) An external evaluation unit is required for this type. Matching evaluation units see accessories in the [main catalog](#).

Note: The safeguard has two safety switches as standard, in order to be able to interrogate each door leaf separately. Length of the built-in connection cable for safety switch: 10 m. The remaining cable length for the safety switch integration depends on the selected stroke and the cable outlet position.

### Step 11

Color	Surface, gloss level	Code
Aluminum	natural anodized	ALENA
RAL color (4-digit number)	smooth, glossy	xxxxGLGLZ

(Overview RAL colors see [main catalog](#))

### Step 12

Labeling	Code
Strasser logo	DEEN01
Without logo	DEEN00

### Step 13 – Options

Interlock	Code
Electric actuator, safety switch ifm GF711S	Z2E280

Length of connecting cables interlock 10 m. The freely available length from the cable outlet depends on the stroke and the position of the cable outlet.

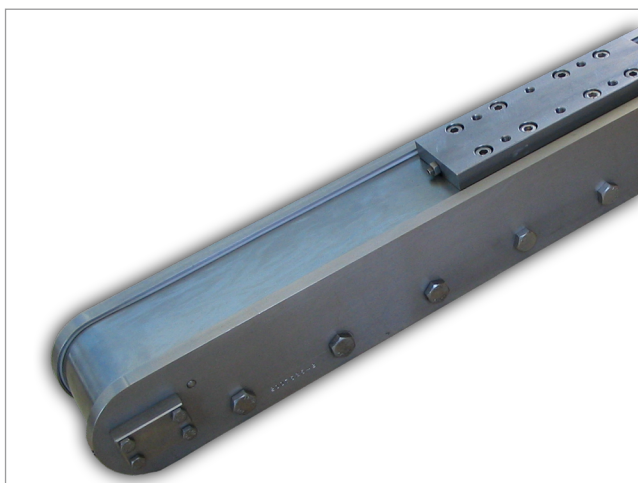
Further information about single configuration steps and closing times can be found in the appendix of the main catalog.

... also in the Strasser product range



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## Linear axes

Flexible motion solutions based on rigid steel profiles – also in stainless steel.

## CleanMotion

Electric wash down axis with patented sealing system.



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**STRASSER**  
inspired by ideas

### **inspired by ideas**

Since 1996 Strasser GmbH has stood for new ideas in the area of automation technology and machine design. Our guiding principle since the very beginning has been to offer our customers both economical solutions and innovative products that inspire them. The pioneer spirit of the company founder, Karl-Heinz Strasser, led to a unique product line that reflects itself in over 25 patents.

Today, Strasser offers comprehensive automation solutions from components to systems based on carbon and stainless steel modular profiles. The spectrum of products ranges from base profiles, to preassembled machine frames up to complete conveyor systems or handling units. Furthermore, with the MecLock safety system, Strasser is a leader in the area of machine safety.

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