

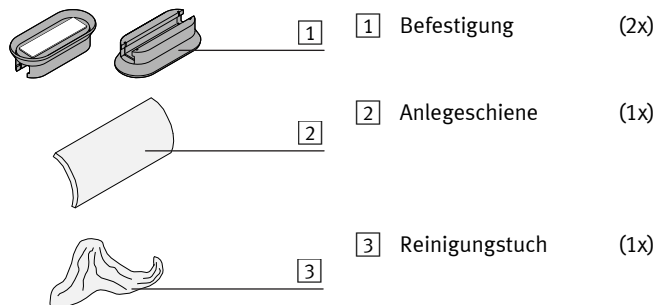
**FESTO**

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**Befestigungsbausatz  
CRSMB-8-32/100**

**1. Teileliste**



**2. Bestimmungsgemäße Verwendung**

Befestigungsbausatz CRSMB-8-32/100:  
Befestigung von Näherungsschaltern auf glatten Flächen.

**3. Sicherheitshinweise und Hinweise zur Montage**

**→ Hinweis**

Funktionsstörung und Sachschaden durch unsachgemäße Montage.

- Montage bei Raumtemperatur (18 ... 25°C) durchführen.
- Reinigungstuch 3 verwenden<sup>1)</sup>.
- Aushärtebedingungen einhalten.
- Abgelöste Befestigung nicht erneut aufkleben.

**i Info**

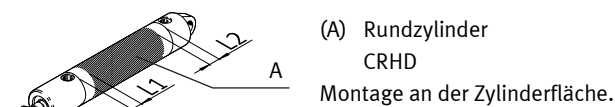
**Mitgeltende Dokumente**

- 1 → Bedienungsanleitung des Zylinders/der Zahnriemenachse
- 2 → Bedienungsanleitung des Näherungsschalters
- 3 → Montageanleitung der Schaltfahne

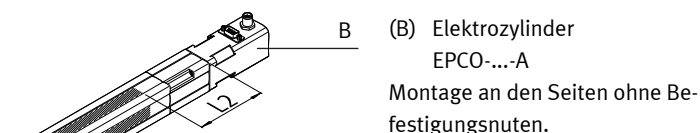
**4. Abfragebereiche**

**i Info**

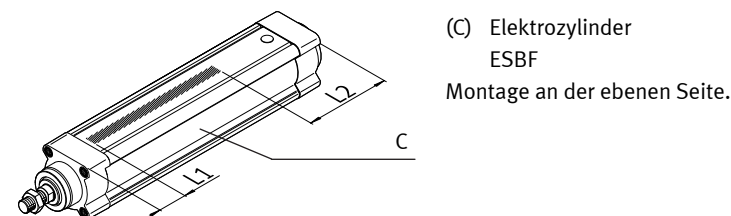
Der Abfragebereich befindet sich zwischen L1 und L2.



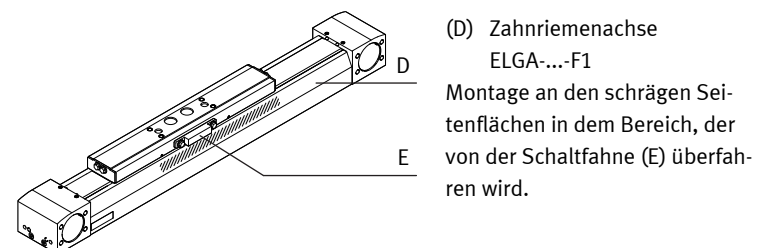
Zylinder	L1 [mm]	L2 [mm]
CRHD-32	19	19
CRHD-40	21	21
CRHD-50	22	22
CRHD-63	25	25
CRHD-80	30	30
CRHD-100	34	34



Zylinder	L1 [mm]	L2 [mm]
EPCO-16...-A	29	95
EPCO-25...-A	33	121
EPCO-40...-A	40	150



Zylinder	L1 [mm]	L2 [mm]
ESBF-32	26	48
ESBF-40	30	65
ESBF-50	30	84
ESBF-63	33	99
ESBF-80	39	132
ESBF-100	39	151

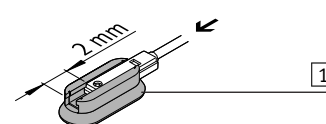


**5. Vormontage**

**i Info**

Zubehör (zulässige Näherungsschalter) für CRHD, EPCO, ESBF, ELGA

→ [www.festo.com/catalogue](http://www.festo.com/catalogue)

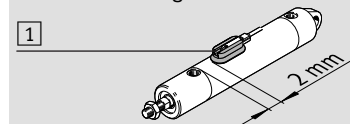


- Den Näherungsschalter in der Befestigung 1 platzieren.
- Freiraum (2 mm) zum Justieren einhalten.
- Den Näherungsschalter sachgemäß befestigen (→ Mitgeltendes Dokument 2).

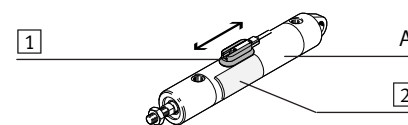
**6. Markierung der Position**

**→ Hinweis**

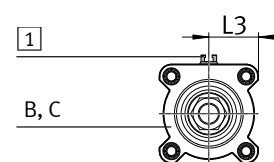
Funktionsstörung und Sachschaden durch unsachgemäße Montage.



Beim Positionieren:  
• 2 mm Mindestabstand zwischen der Befestigung 1 und allen Kanten einhalten.

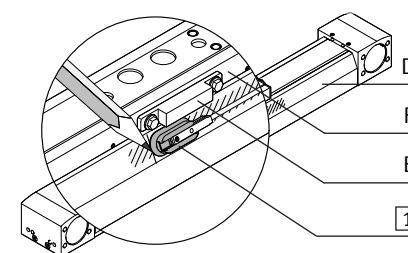


- Position des Schaltpunkts bestimmen.
- Position der Befestigung 1 markieren.



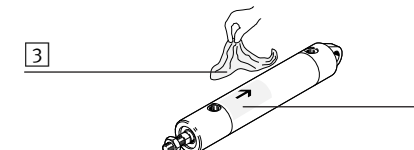
- Position des Schaltpunkts bestimmen.
- Position der Befestigung 1 markieren.

Elektrozyylinder	L3 [mm]
EPCO-16...-A	15
EPCO-25...-A	20
EPCO-40...-A	27,5
ESBF-32	22,3
ESBF-40	26,5
ESBF-50	31,5
ESBF-63	37
ESBF-80	46
ESBF-100	54,5



- Position des Schaltpunkts bestimmen.
- Position der Befestigung 1 markieren.

**7. Reinigung der Klebefläche**



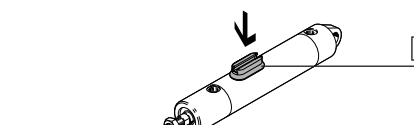
- Klebefläche mit dem Reinigungstuch 3 rückstandsfrei reinigen. Nur in eine Richtung wischen.

**8. Montage**

- Näherungsschalter entfernen.

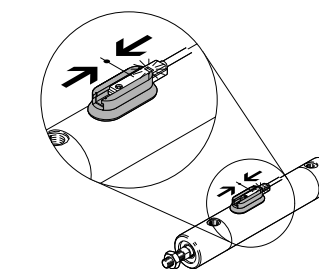


- Schutzfolie (G) entfernen. Klebestreifen nicht berühren.



- Befestigung 1 an der Markierung platzieren.
- Befestigung 1 für 5 s mit 70 N (kräftiger Daumen- druck) an die Klebefläche drücken.

- Kleber wahlweise aushärten lassen:  
– 1 h bei +60 °C  
– 24 h bei +20 °C



- Den Näherungsschalter justieren (→ Mitgeltendes Dokument 2).

<sup>1)</sup> Reinigungstuch ist mit Reinigungsmittel getränkt. Bei Bedarf: Mischung Isopropanol:Wasser (1:1) oder Heptan als Reinigungsmittel verwenden.

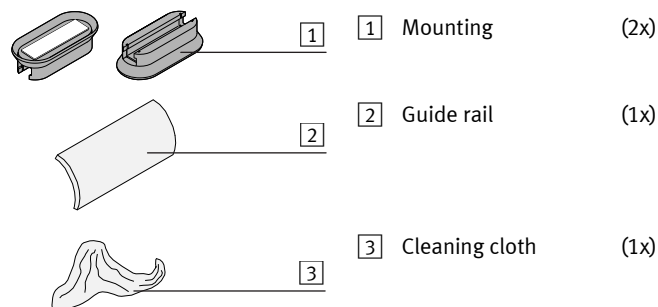
## Mounting kit CRSMB-8-32/100

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### 1. Parts list



### 2. Intended use

Mounting kit CRSMB-8-32/100:  
For mounting of proximity switches on smooth surfaces.

### 3. Safety instructions and notes on mounting

#### → Note

Incorrect mounting can cause malfunction and material damage.

- Perform mounting at room temperature (18 ... 25°C).
- Use cleaning cloth [3]<sup>1)</sup>.
- Comply with hardening conditions.
- Do not glue detached mounting back on.

#### i Information

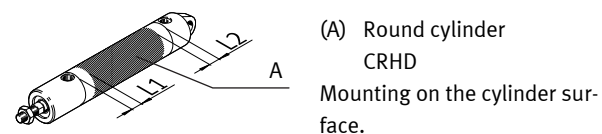
##### Applicable documents

- 1 → Operating instructions of the cylinder/toothed belt axis
- 2 → Operating instructions for the proximity sensor
- 3 → Mounting instructions for the switch lug

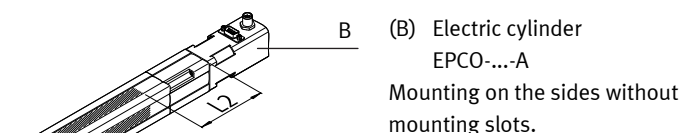
### 4. Sensing ranges

#### i Information

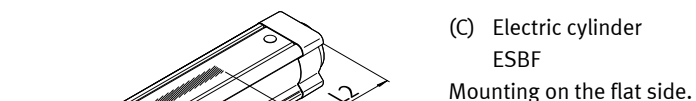
The sensing range is between L1 and L2.



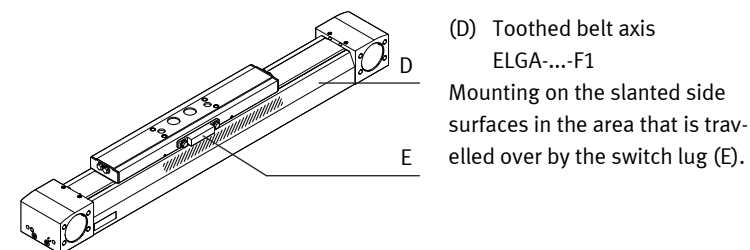
Cylinder	L1 [mm]	L2 [mm]
CRHD-32	19	19
CRHD-40	21	21
CRHD-50	22	22
CRHD-63	25	25
CRHD-80	30	30
CRHD-100	34	34



Cylinder	L1 [mm]	L2 [mm]
EPCO-16...-A	29	95
EPCO-25...-A	33	121
EPCO-40...-A	40	150



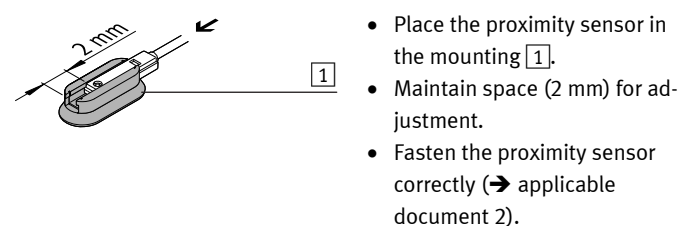
Cylinder	L1 [mm]	L2 [mm]
ESBF-32	26	48
ESBF-40	30	65
ESBF-50	30	84
ESBF-63	33	99
ESBF-80	39	132
ESBF-100	39	151



### 5. Preassembly

#### i Information

Accessories (permissible proximity sensor) for CRHD, EPCO, ESBF, ELGA  
→ [www.festo.com/catalogue](http://www.festo.com/catalogue)



- Place the proximity sensor in the mounting [1].
- Maintain space (2 mm) for adjustment.
- Fasten the proximity sensor correctly (→ applicable document 2).

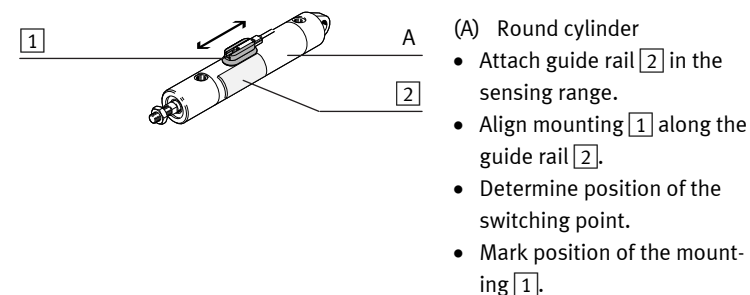
### 6. Marking the position

#### → Note

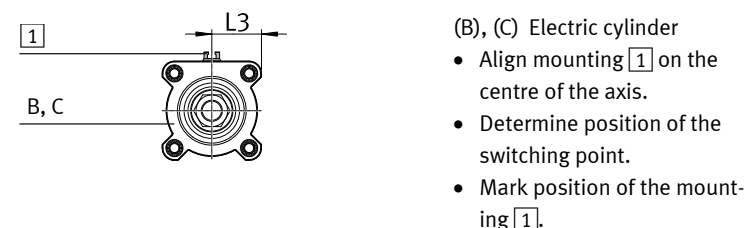
Incorrect mounting can cause malfunction and material damage.



- When positioning:
- Maintain minimum distance of 2 mm between the mounting [1] and all edges.

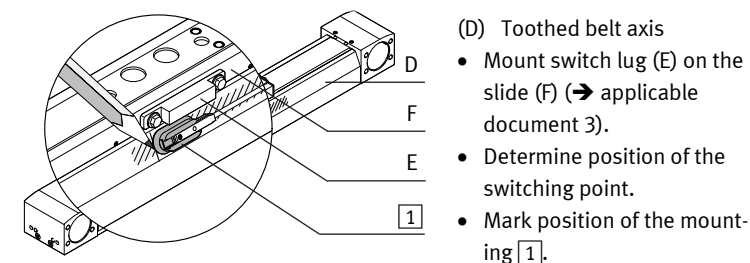


- (A) Round cylinder
- Attach guide rail [2] in the sensing range.
  - Align mounting [1] along the guide rail [2].
  - Determine position of the switching point.
  - Mark position of the mounting [1].



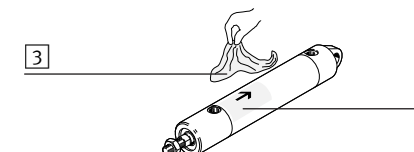
- (B), (C) Electric cylinder
- Align mounting [1] on the centre of the axis.
  - Determine position of the switching point.
  - Mark position of the mounting [1].

Electric cylinder	L3 [mm]
EPCO-16...-A	15
EPCO-25...-A	20
EPCO-40...-A	27.5
ESBF-32	22.3
ESBF-40	26.5
ESBF-50	31.5
ESBF-63	37
ESBF-80	46
ESBF-100	54.5



- (D) Toothed belt axis
- Mount switch lug (E) on the slide (F) (→ applicable document 3).
  - Determine position of the switching point.
  - Mark position of the mounting [1].

### 7. Cleaning the bonding surface



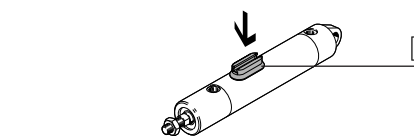
- Clean the bonding surface with the cleaning cloth [3] so it is free from residues. Wipe only in one direction.

### 8. Mounting

- Remove proximity sensor.

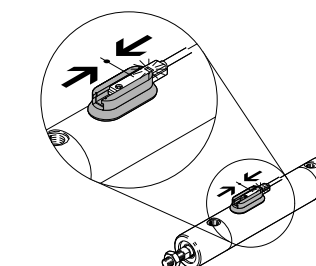


- Remove protective foil (G). Do not touch the adhesive tape.



- Place mounting [1] on the marking.
- Press mounting [1] to the bonding surface for 5 s with 70 N (strong press with the thumb).

- Optionally let glue harden:
  - 1 hour at +60 °C
  - 24 hours at +20 °C



- Adjust the proximity sensor (→ applicable document 2).

<sup>1)</sup> Cleaning cloth is saturated with cleaning agent. If required: Use a mixture of isopropanol:water (1:1) or heptane as a cleaning agent.