

Switch lug EAPM-E19/-L2-...-SLS

FESTO

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1. Applicable documents

 All available documents for the product → www.festo.com/pk

→ Operating instructions for actuators [4]/[5]

2. Safety

- Switch off power supply before mounting work.
- Comply with tightening torques (→ Table).

3. Intended use

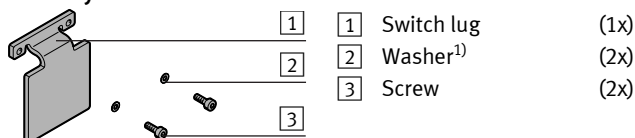
Product	Type	Usage
Switch lug	EAPM-E19-...-SLS	Switching of inductive proximity sensors for mini slide EGSC-25
Switch lug	EAPM-L2-...-SLS	Switching of inductive proximity sensors for actuators EGSC, ELGC, ELFC

4. Further information

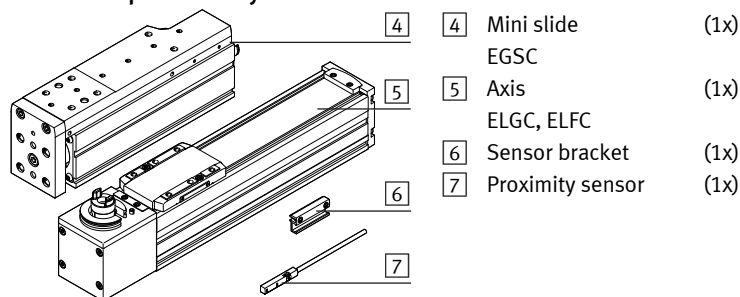
Accessories (e.g., sensor bracket, proximity sensor)

→ www.festo.com/catalogue

5. Scope of delivery



6. Not in scope of delivery



7. Screw sizes and tightening torques M_A ²⁾

	EAPM-E19-...-SLS	EAPM-L2-...-SLS			
	25	32	45	60	80
[3] Screw	M1.6x4	M1.6x4	M2x6	M3x8	M4x10
[Nm]	0.14	0.14	0.4	1.2	3

¹⁾ Washers [2] only in scope of delivery of EAPM-E19-25-SLS and EAPM-L2-32-SLS

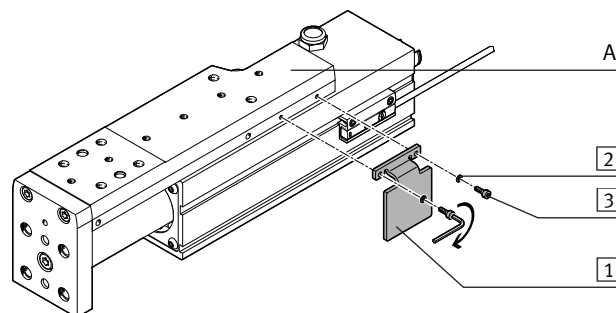
²⁾ Tolerances for tightening torques M_A without indication of tolerance

$M_A = 0.14$ Nm: $\pm 10\%$

$M_A > 0.14$ Nm: $\pm 20\%$

8. Mounting

8a. For EGSC

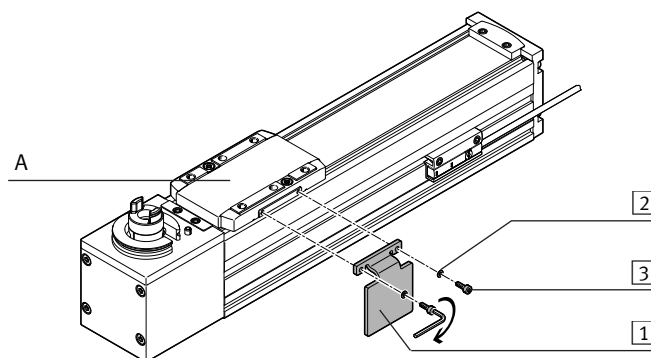


- Secure the switch lug [1] to the slide (A) using the washers [2]¹⁾ and screws [3].

8b. For ELGC and ELFC

Information

The switch lug [1] can also be mounted to the opposite side of the slide (A).



- Secure the switch lug [1] to the slide (A) using the washers [2]¹⁾ and screws [3].

9. After mounting

Warning

The mounted switch lug can lead to fingers getting cut off when the slide moves.

Before working on the switch lug:

- Switch off the current.

At first commissioning:

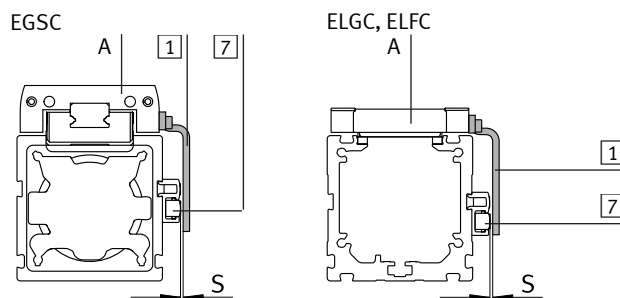
- Reduce the speed of the axis to < 33 mm/s.

10. Test run

→ Note

If mounted correct, a distance $S = 0.2 \dots 1.5$ mm remains between the proximity sensor [7] and the switch lug [1].

- Avoid magnetic or ferritic parts other than the switch lug [1] in the vicinity.



- Switch on power supply.
- In case of motors with a brake: Release the brake.
- Slow move the slide (A) with the switch lug [1] using the proximity sensor [7].

→ The proximity sensor [7] switches.