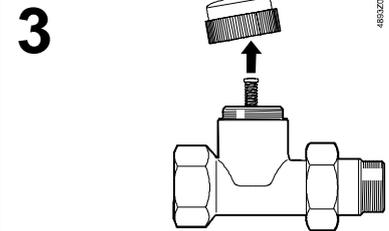
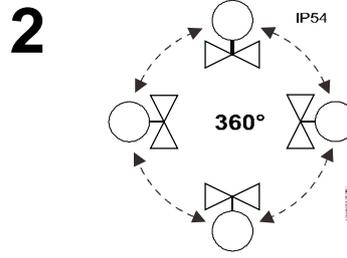
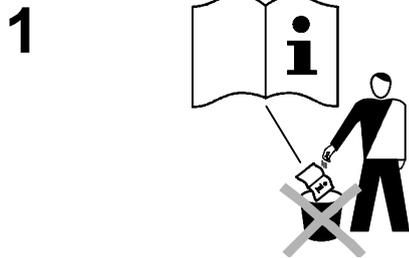


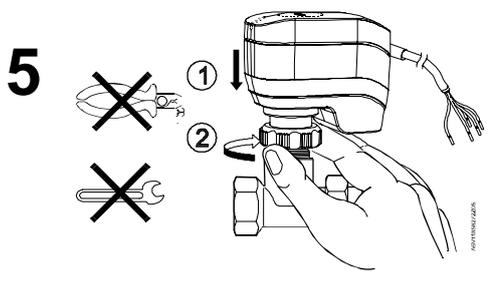
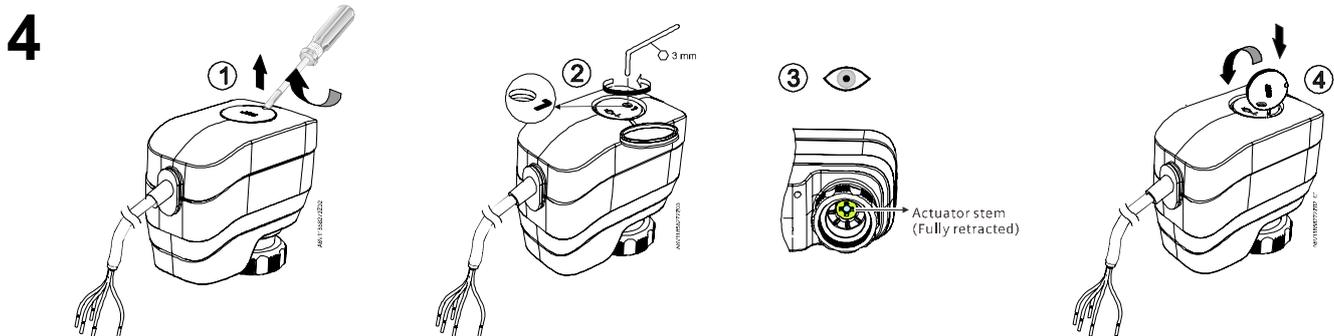
## SSA131.00/SSA331.00 SSA161.05 SSA151.05HF/SSA161.05HF SSA161E.05HF

**de** Montageanleitung  
**en** Mounting instructions

**Elektromotorischer Stellantrieb**  
**Electromotoric Actuator**



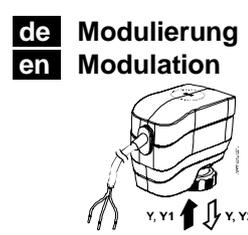
**SSA151.05HF, SSA161.05HF, SSA161E.05HF only**



SSA131.00	SSA331.00
Y1 = AC 24 V, 3-position	Y1 = AC 230 V, 3-position
Y2 = AC 24 V, 3-position	Y2 = AC 230 V, 3-position
G = AC 24 V, system potential (SP)	N = AC 230 V, neutral

SSA161.05	SSA151.05HF	SSA161.05HF, SA161E.05HF
G = AC/DC 24 V, system potential (SP)	G = AC/DC 24 V, system potential (SP)	G = AC/DC 24 V, system potential (SP)
Y = DC 0...10 V, < 0.1 mA	Y = DC 4...20 mA, < 3 V	Y = DC 0...10 V, < 0.1 mA
G0 = AC/DC 24 V, system neutral (SN)	U = DC 4...20 mA, < 24 V	U = DC 0...10 V, < ± 0.1 mA
	M = measurement reference	M = measurement reference
	G0 = AC/DC 24 V, system neutral (SN)	G0 = AC/DC 24 V, system neutral (SN)

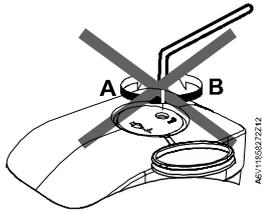
	N	G	G0	Y, Y1, Y2	U	M
<b>de</b>	Neutral	Systempotential	Systemnull	Steuersignal	Feedback-Signal	Messreferenz
<b>en</b>	Neutral	System potential	System neutral	Control signal	Feedback signal	Measurement reference



<b>de</b>	<ul style="list-style-type: none"> <li>• Der Stößel fährt ein bei Y1.</li> <li>• Der Stößel fährt aus bei Y2.</li> <li>• Der Stößel fährt ein/aus im Verhältnis zum Y-Signal.</li> </ul>
<b>en</b>	<ul style="list-style-type: none"> <li>• The stem retracts if Y1 is applied.</li> <li>• The stem extends if Y2 is applied.</li> <li>• The stem retracts/extends in proportion to the Y signal.</li> </ul>

**SSA161.05, SSA151.05HF, SSA161.05HF, SSA161E.05HF only**

**de** Hubkalibration  
**en** Stroke calibration



Datenblatt/Datasheet:

<http://www.siemens.com/download?A6V11858276> (SSA161.05)

<http://www.siemens.com/download?A6V11858278> (SSA151.05HF, SSA161.05HF, SSA161E.05HF)

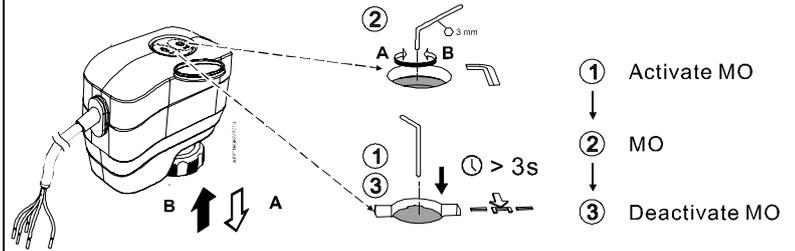
- |           |  |
|-----------|--|
| <b>de</b> | <b>Hinweis:</b> 1) Keine manuelle Bedienung während der Selbstkalibrierung.<br>2) Eine Selbstkalibrierung findet bei jedem Stellantriebsstart statt. |
| <b>en</b> | <b>Note:</b> 1) Don't perform manual operation during self-calibration.<br>2) Self-calibration runs each time the actuator powers on.                |

**SSA151.05HF, SSA161.05HF, SSA161E.05HF only**

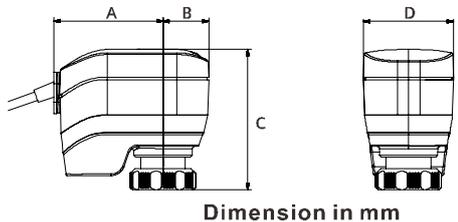
**de** Manuelle Bedienung (MB)  
**en** Manual operation (MO)

**de** **Hinweis:** Beim Einschalten des Stellantriebs müssen alle Schritte ausgeführt werden. Die Selbstberechnung erfolgt danach.

**en** **Note:** You must perform all steps if the actuator is powered on. Self-calculation runs afterwards.



	LED status/LED-Zustand		
	SSA131.00, SSA331.00	SSA161.05	SSA151.05HF, SSA161.05HF, SSA161E.05HF
Manual operation Manuelle Bedienung	-	-	Blinking <sup>i</sup> green/red Blinkt <sup>i</sup> grün/rot
Calibration/Kalibrierung	-	Quick blinking <sup>ii</sup> green/Schnelles Blinken <sup>ii</sup> grün	
Actuator stem modulation/Stellantriebsstößel-Modulierung			
Fully retracts Voll eingefahren	Constant green (LED 1) Konstant grün (LED 1)	-	
Moving in-between Bewegung zwischen den Positionen	Constant green (LED 2) Konstant grün (LED 2)	Blinking green while moving. Constant for 5 seconds once a set position is reached. After that the LED turns off. Blinkt grün bei Bewegung. Konstant während 5 Sek. sobald die Stellung erreicht ist. Danach schaltet die LED aus.	
Fully extends Voll ausgefahren	Constant green (LED 3) Konstant grün (LED 3)	-	
Error/Fehler	-	Constant red/Konstant rot	



Dimension in mm

	SSA131.00, SSA331.00 SSA161.05	SSA151.05HF, SSA161.05HF, SSA161E.05HF
A	62.4	62.4
B	26.2	26.2
C	81	83.4
D	51.4	51.4

<sup>i</sup> 0.5 s on, 0.5 s off

<sup>ii</sup> 0.1 s on, 0.1 s off