



Stick US Programming stick for North American actuators

For parameter programming and data saving, adaptable to **...Max** and **...Run** actuators

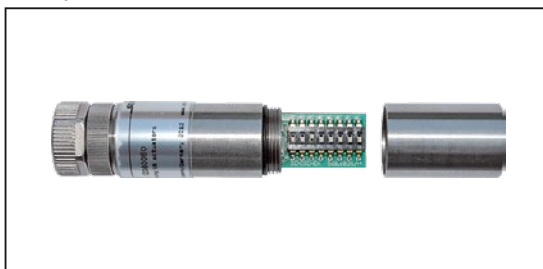
Subject to change!

Product views

Actuator view



Stick open with view of DIP switches



Stick US connected to actuator



Read-Write operation

Write:

The write operation is started by pressing the red button on the actuator for 1 to 3 sec. If the button is pressed for less than 1 sec., no reaction is triggered. Pressing the button for more than 3 seconds starts a self adjustment drive. If the DIP-switch 8 (write protection) is OFF, the corresponding parameters in the device are overwritten by the "Switch" settings and read out to the memory of the device and the data stored in the stick.

Read:

If the DIP-switch 8 (write protection) is ON, only the data is read from the device and stored. The settings of the DIP-switches 1 to 7 are not relevant and are to be ignored. The parameters in the device cannot be overwritten.

Technical data

Power supply	Not needed, supplied by actuator
Housing material	Stainless steel V2A / AISI 304 / DIN EN 1.4301
Dimensions	Ø 0.79 in (20 mm), length 2.76 in (70 mm)
Weight	0.2 lbs (90 g)

Installation, adjustments and parameters



1. Set stick's DIP switches acc. to tables below
2. When actuator is powered LED is GREEN
3. Screw Stick US into the actuator
4. Press actuator's "red" button for 1 to 3 seconds, stick's setting are transferred
5. If transfer was successful the LED is blinking RED to GREEN 2 times

Parameter selection – ...Max actuators



8	Write protection
7	Blank
6	Blank
5	Invers
4	Torque
3	Running time
2	Running time
1	Running time
ON	Spring return
OFF	

...Max actuators – size S

Position of DIP switches

ON	on	OFF	off
no function in this actuator type			
no function in this actuator type			
ON	on	OFF	off
ON	high	OFF	low

DIP switch 2 DIP switch 3

OFF	OFF	3 s/90°
ON	OFF	15 s/90°
OFF	ON	30 s/90°
ON	ON	60 s/90°
ON	3 s/90°	OFF 10 s/90°

...Max actuators – size M

Position of DIP switches

ON	on	OFF	off
no function in this actuator type			
no function in this actuator type			
ON	on	OFF	off
ON	high	OFF	low

DIP switch 2 DIP switch 3

OFF	OFF	40 s/90°
ON	OFF	60 s/90°
OFF	ON	90 s/90°
ON	ON	120 s/90°
no function in this actuator type		

**Installation, adjustments and parameters**

ON

OFF

1. Set stick's DIP switches acc. to tables below
2. When actuator is powered LED is GREEN
3. Screw Stick US into the actuator
4. Press actuator's "red" button for 1 to 3 seconds, stick's setting are transferred
5. If transfer was successful the LED is blinking RED to GREEN 2 times

Parameter selection – ...Run actuators

- Write protection
- Blank
- Blank
- Invers
- Force
- Running time
- Running time
- Running time
- Running time
- Spring return

...Run-110.220 + ...Run-550.1100

Position of DIP switches

► ON on ► OFF off

► no function in this actuator type

► no function in this actuator type

► ON on ► OFF off

► ON high ► OFF low

DIP switch 2 **DIP switch 3**

► OFF	► OFF	2 s/mm
► ON	► OFF	3 s/mm
► OFF	► ON	6 s/mm
► ON	► ON	9 s/mm

► no function in this actuator type

...Run-1650.2200

Position of DIP switches

► ON on ► OFF off

► no function in this actuator type

► no function in this actuator type

► ON on ► OFF off

► ON high ► OFF low

DIP switch 2 **DIP switch 3**

► OFF	► OFF	4 s/mm
► ON	► OFF	6 s/mm
► OFF	► ON	9 s/mm
► ON	► ON	12 s/mm

► no function in this actuator type