

# Data Sheet for Joysticks

Switchstick

Series 851



- Stable stainless steel shaft
- Small installation depth < 24 mm
- Spring return to center position
- IP class 65 (above panel)
- Good cost/performance ratio

The Series 851 switch sticks feature a functional but space saving design. The optimized mechanics combined with micro switches allow for reliable switching for currents up to 10 A and voltages up to 240 V. Combined with the spring return mechanism this guarantees safe control of the application. A cross- and one-dimensional limiter are both supplied with the shipment. For corrosive environments, optionally switches with gold contacts are available.

## Mechanical Data

Angle of Movement X-/Y-Axis	±12°
Material Shaft	Stahl
Material Housing	Nylon
Material Cover	Nylon
Mounting Screws	M2,5 x 25

## Electrical Data Microswitch Type 1

Material Switch Contacts	AgNi
Material Solder Pins	CuZn
Switch	Toggle
Lifetime	Mechan. min. 10 000 000 actuations / Electr. min. 50 000 actuations (6A)
Rating	10 A, 250 VAC (resistive load) resp. 1,5 A 250 VAC (inductive load)

## Electrical Data Microswitch Type 2

Material Switch Contacts	AgNi gold-plated
Material Solder Pins	CuZn
Switch	Toggle
Lifetime	Mechan. min. 10 000 000 actuations
Rating	100 mA 12 VDC

## Order Description

<b>Series</b>	<b>851</b>					
<b>Axes</b> 2 Axes		<b>2</b>				
<b>Cover</b>			<b>1</b>			
<b>Spring Return</b>				<b>1</b>		
<b>Handles</b> conical round					<b>1</b> 2 (*)	
<b>Microswitches</b> <b>Type 1</b> Type 2 (gold contacts) (*)						<b>1</b> 2 (*)

(\*) upon request

## Technical Drawing

