

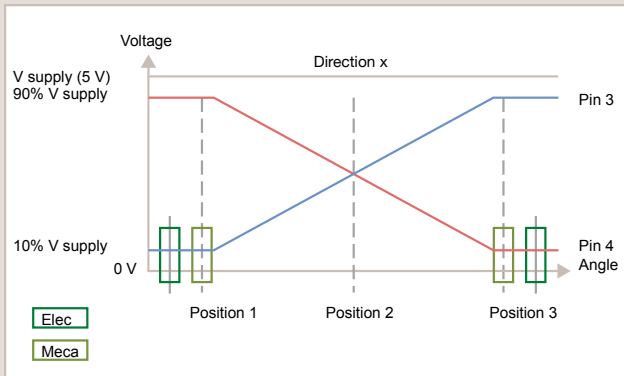


MONO RIMBO FINGER JOYSTICK

Due to its space-saving design and precise controllability, the MONO RIMBO finger joystick is the ideal solution in limited installation space. The single-axis joystick's cap is available in several colours and can be laser-engraved with both standard and customer-specific symbols. The modular design allows it to be used in a wide number of industrial applications.

- Central zero position
- Angle of rotation $\pm 30^\circ$
- Contactless Hall-effect sensor technology
- Two analogue signals, X characteristic
- Sensitive control
- Ergonomic design
- Protection class IP 68, except plug
- Long service life of 5 million cycles
- EMC in accordance with EN 12895: 2015-09
- EMC 100 V/M in accordance with ISO 11452-2
- Functional safety in accordance with EN ISO 13849, PL d

Transmission protocol



Technical data	
Technology	Contactless hall sensors
Mechanical data	
Dimensions	See drawing
Mechanical angle of rotation	$\pm 30^\circ\text{C}$
Electrical data	
Rated voltage	5 V DC ± 0.02 V
Operating voltage range	4.5 – 5.5 V DC (ratiometric output)
Power current	< 50 mA
Analogue output @ 5 V	X characteristic: 0.5 – 4.5 V DC
Operating conditions	
Operating temperature	-30°C to +65°C
Storage temperature	-40°C to +85°C
Maximum force	1.5 Nm
Actuation force	8.5 Nm
Service life	5 million cycles
Protection class	IP 68 (except for the plug-in connector)
EMC	
	EN 12595: 2015-09 100 V/M in accordance ISO 11452-2

Connector pin assignment Molex Mini-Fit Jr.™	
4 pin, dual row 39012040	
PIN 1	+ 5 V
PIN 2	GND
PIN 3	Signal 1
PIN 4	Signal 2

Order data	
Part No.	Designation
3203-00958-00	MONO RIMBO Finger joystick

Dimensions [mm]

