

Joysticks

Product Overview



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technology matters

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Joysticks Product Overview

Type	Technology	Operating Voltage	Output Signal 1	Output Signal 2	Dimensions/ Number of axis	Options	Protection Type	Specifics
Joystick analog 1/2 axis MJ-2K CP OM								
	potentiometer/ conductive plastic	3 – 30 V	10 – 90 % operating voltage, center contact	directional contact 1-0-1	lever length ca. 49mm/ diameter 17mm, platform 48x48mm, installation depth < 41mm/ 1, 2 axis	pushbutton/ USB-/CAN open interface	IP65 (higher on request)	assembly from top side, low weight <100g, robust, compact
Joystick digital 1/2 axis MJ-2K CP OM								
	digital sensor/ conductive plastic, mecha- nical notches	3 – 30 V	digital (one to four steps/ half axis), center contact,	directional- contact 1-0-1	lever length ca. 49mm/ diameter 17mm, platform 48x48mm, installation depth < 41mm/ 1, 2 axis	pushbutton/ USB-/CAN open interface	IP65 (higher on request)	assembly from top side, low weight <110g, robust, compact, adjustable mechanical steps
Joystick analog 3 axis MJ-2K CP OM								
	potentiometer/ conductive plastic	3 – 30 V	10 – 90 % of operating voltage, center contact	directional- contact 1-0-1	lever length ca. 59mm/ diameter 26,6mm, platform 48x48mm, installation depth < 62mm/ 1, 2, 3 axis	redundant analog output signal /axis USB-/CAN open interface	IP65 (higher on request)	assembly from top side, low weight <125g, robust, compact
Joystick analog 3 axis redundant MJ-2K analog MTP/CP								
	MetaPot hermetically sealed foil potentiometer; potentiometer conductive plastic (z-axis)	3 – 30 V	7,5 – 92,5 % of operating voltage	7,5 – 92,5% of operating voltage	lever length ca. 58mm/ diameter 26,6mm, platform 48x48mm, installation depth < 61mm/ 1, 2, 3 axis	USB-/CAN open interface	IP65 (higher on request)	salt water resistant compact, robust, weight <130g
Joystick analog/digital pushbutton MJ-2K CP OM pushbutton DS Serie IB								
	potentiometer/ digital sensor/ conductive- plastic	3 – 30 V	10 – 90 % of operating voltage, digital (one to four steps/ half axis), center contact	directional contact 1-0-1	lever length ca. 55mm/ diameter 22mm, platform 48x48mm, installation depth < 62mm/ 1, 2 axis	USB-/CAN open interface	IP65 (higher on request)	double sealed pushbutton, assembly from top side, low weight <90g, robust, compact

**special features/
general options:** robust - compact - low weight - various sensor technologies - USB-/CAN-Interface - various pushbuttons - crossgate - customized levers - low assembly space - various electrical connections available

Type	Technology	Operating Voltage	Output Signal 1	Output Signal 2	Dimensions/ Number of axis	Options	Protection Type	Specifics
Joystick analog pushbutton MJ-2K CP OM DS button Serie IB MRD 55								
	potentiometer/ conductive plastic	3 – 30 V	10 – 90% of operating voltage, center contact	directional contact 1-0-1	lever length ca. 64mm/ ø = 55mm, platform 48x48mm, installation- depth < 62mm 1, 2 axis	USB-/ CAN open interface	IP65 (higher on request)	ergonomic lever, assembly from top side, low weight <150g, robust, compact
Joystick analog MJ-3K analog MTP								
	MetaPot, hermetically sealed foil potentiometer	3 – 30 V	7,5 – 92,5% of operating voltage	directional contact 1-0-1	lever length ca. 55mm/ 65mm, platform ø = 59mm, installation depth < 32mm/ 1, 2, 3 (3rd axis conductive plastic)	pushbutton USB-/CAN open interface	IP65 (higher on request)	hermetically sealed sensor elements, low weight <100g, robust, compact
Joystick digital MJ-3K digital CP								
	digital sensor/ conductive plastic, mecha- nical notches	3 – 30 V	up to 4-0-4 (four steps/ half axis)	directional contact 1-0-1	lever length ca. 55mm/ 65mm, platform ø = 59mm, installation depth < 32mm/ 1, 2, 3 (3rd axis conductive plastic)	pushbutton USB-/CAN open interface	IP65 (higher on request)	adjustable mechanical steps, low weight <110g, robust, compact
Joystick Hall MJ-3K Hall / MJ-2K Hall OM								
	Hall effect	5 V	programmable, e.g. various voltage outputs	programmable, e.g. various voltage outputs	lever length ca. 55mm/ 65mm, platform ø = 59mm, installation depth < 32mm/ without connector plug/ 1, 2 axis	on request	IP65 (higher on request)	high flexibility, robust, compact, weight <100g
Joystick analog MJ-1L								
	potentiometer/ conductive plastic	3 – 30 V	10 – 90% of operating voltage, center contact	directional contact 1-0-1	height 55mm, platform 45x26mm, installation depth < 19mm incl. connector plug/ 1 axis	longer handle, different colour	IP66 (higher on request)	small assembly dimensions, maximum grip lever, low weight <35g, robust

special features/ robust - compact - low weight - various sensor technologies - USB-/CAN-Interface - various pushbuttons -
generell options: crossgate - customized levers - low assembly space - various electrical connections available



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