

MKF-JS91

Mate Industrial Joystick, Hall effect, 3-axis, Panel Mounted



DESCRIPTION

Based on ergonomic principles, modeling small and operation comfortable.

Fingertip operation, Spring return.

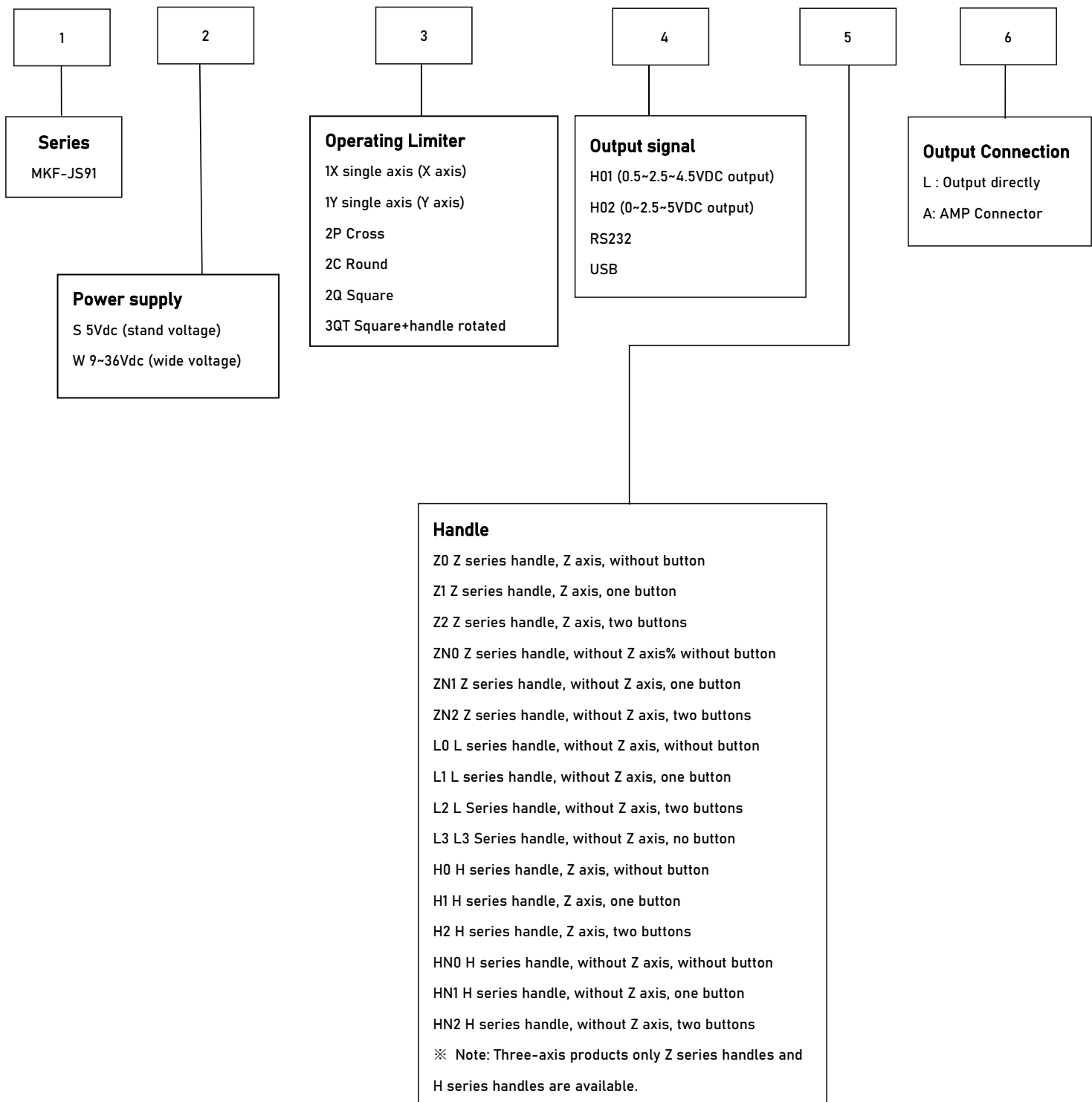
three-axis large operating angle in any direction.

handle top with dual button at most.

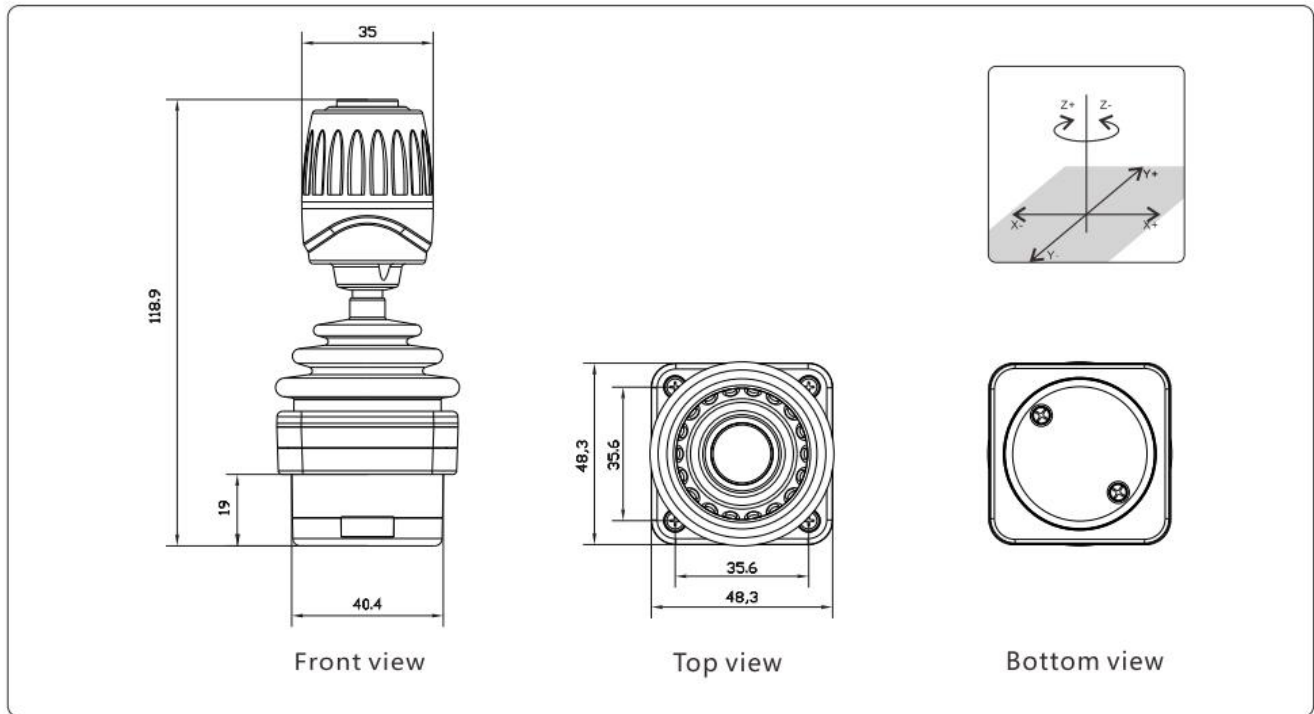
RS232 or USB connector output is selectable.

SPECIFICATION

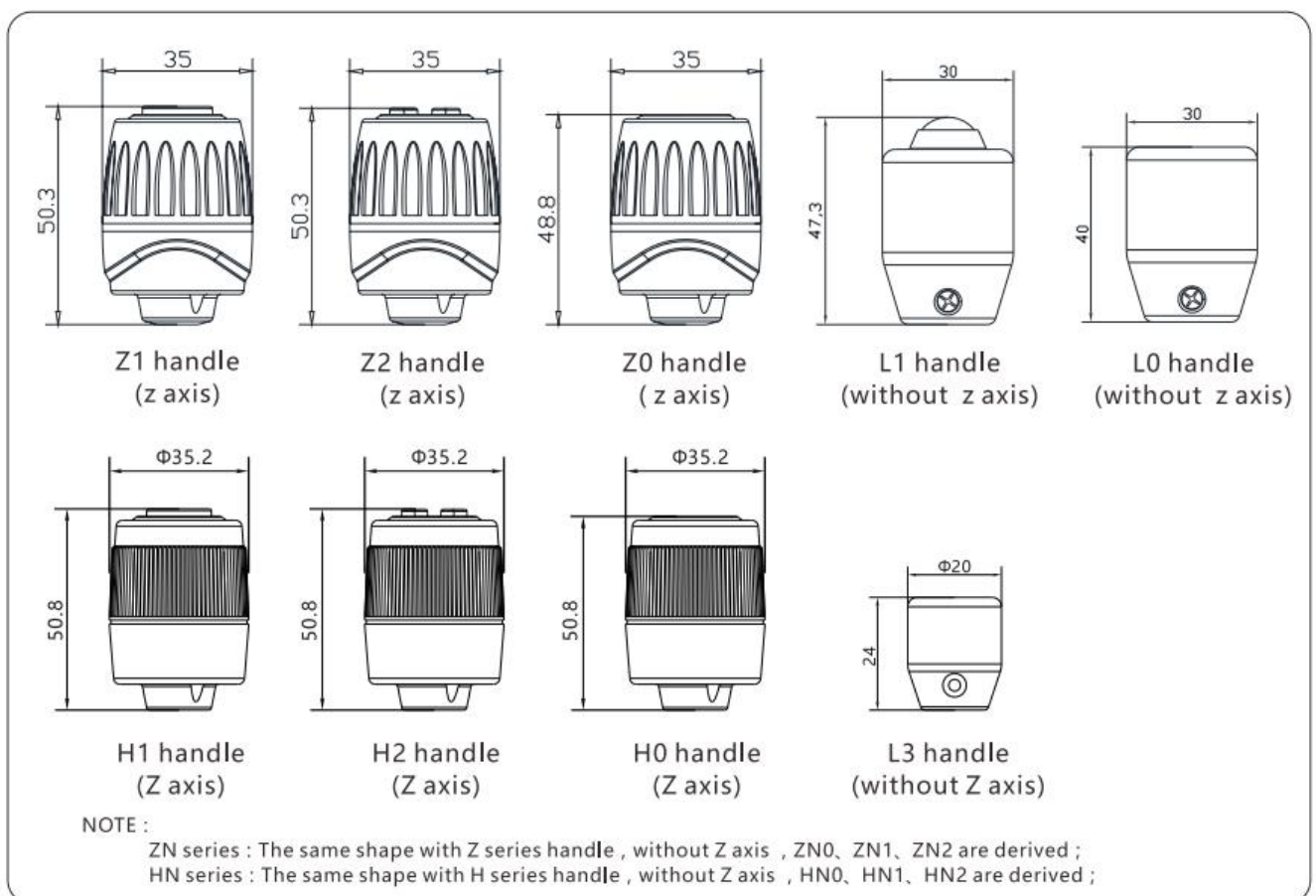
Travel angle	about +28°(XY axis)about +42°(Z axis)
Operating type	Spring return
Break Out force	3N
Operating force (max)	8N
Maximum allowable force	>300N
Expected life	>2Million (XY axis) >2Million (Z axis)
Weight	about 143.5g
Operating temperature	-30°C~ +70°C
Storage temperature	-40°C~ +85°C
Protection level	IP65 (Above the flange)
Power supply	5+0.5Vdc (standard voltage) 9~36Vdc (wide voltage)
Maximum supply current	22mA (XY axis) 33mA (Z axis)
Maximum allowable overload voltage	20vdc
Reverse maximum allowable voltage	-10Vdc
load resistance	10KΩ
Center output voltage	2.5+0.1Vdc
Output linearity tolerance	<+0.2V



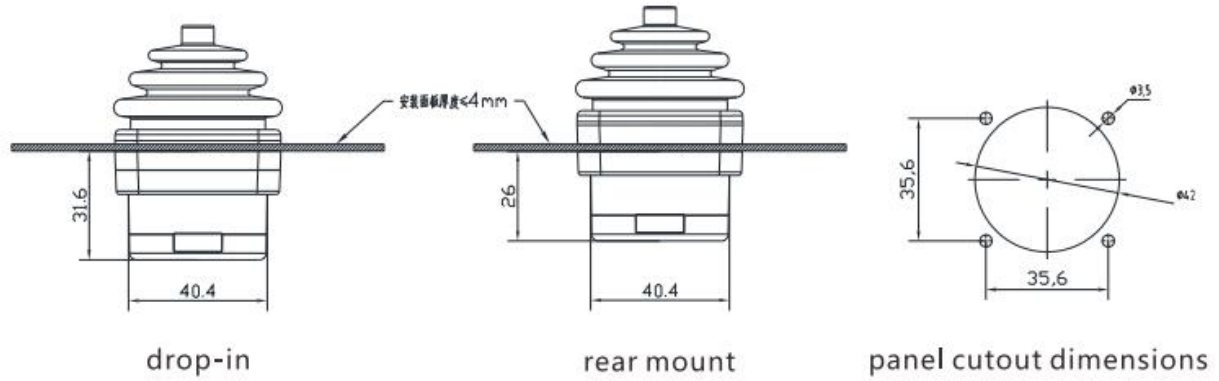
外形尺寸 Dimensions



手柄上端 Handle



机械安装 Product Installation



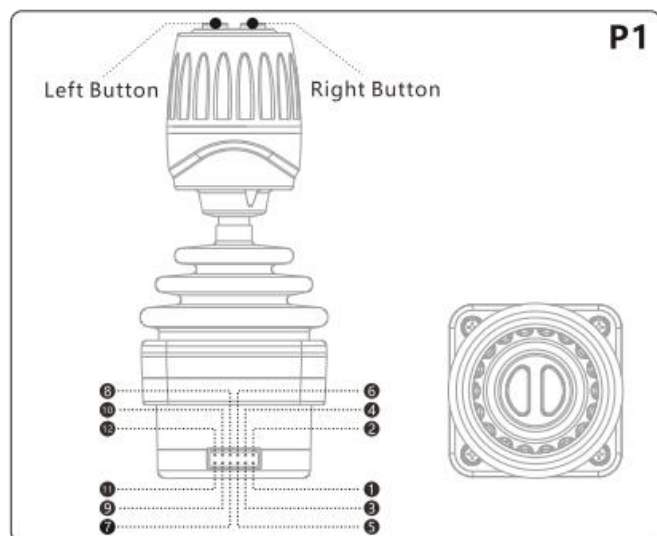
*NOTE : With M3*14 Phillips pan head machine screws

电气安装 Electrical Connections

output harness type 1 (default)

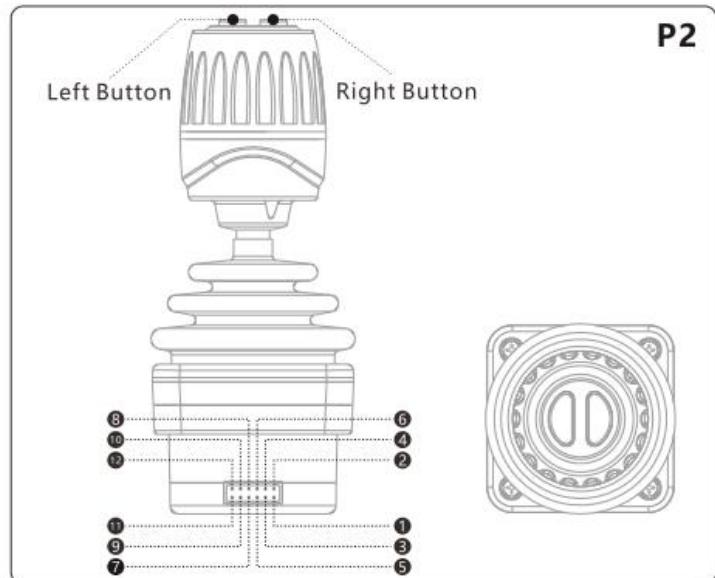
8-Pin Connector

Pin	Hall	Colour
1	GND	black
2	DC5V	red
3	X out	yellow
5	Y out	green
7	Z out	blue
9	Left button	Brown
10	Button com	White
11	Right button	Purple



output harness type 2 (without line)

12-pin connector		
Pin	Hall	Colour
1	GND	black
2	NA	NA
3	AY out	yellow
4	AX out	yellow/white
5	BY out	Green
6	BX out	Green/white
7	AZ out	Blue
8	BZ out	Black/white
9	Left button	Brown
10	Button com	white
11	Right button	Purple
12	DC5V	Red



USB



RS232 (with RS232 output PCB)

8-Pin Connector		
Pin	Hall	Colour
1	GND	black
2	VCC	red
3	X out	yellow
5	Y out	green
7	Z out	blue
9	Left button	Brown
10	Button com	White
11	Right button	Purple

