

# OM800 SERIES

Top



Side



Bottom



## Mechanical parameter

Swing angle:  $\pm 25^\circ$

Service life: more than 5,000,000 times

Operation force: 15N (biggest)

Limit force: 50N

Weight: 120G

## Electrical parameter

Total current:  $< 20\text{MA}$

Linearity tolerance:  $\pm 5\%$

Power supply voltage:  $\text{DC}5\text{V} \pm 10\%$

Load resistance:  $> 10\text{K}\Omega$

## Ordering code

OM800 - □□□

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①

②

## Environment parameter

Operating temperature scope:  $-40^\circ\text{C} \sim +80^\circ\text{C}$

Protection rank: IP65

### ① Product series number

OM800 double axis hall type, the spring automatic reset, without direction switch, installation pitch of holes size 36mm\*36mm.

Mainly used in the wheelchair controls, the video control and the engineering vehicles control.

### ② Output signal

H51=Hall type DC5V power source, output voltage 0.5V ~ 2.5V ~ 4.5V

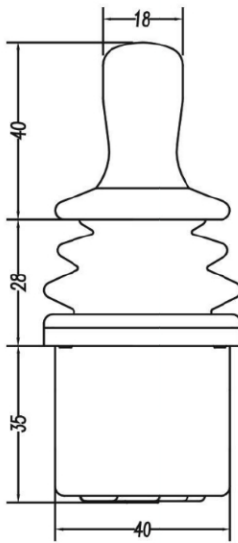
H52=Hall type DC5V power source, output voltage 0V ~ 2.5V ~ 5.0V

RS232=RS232 serial digital signal output

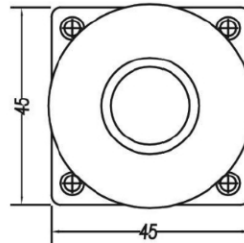
USB=USB connection digital signal output

## Dimensions

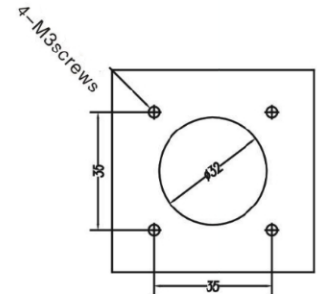
## Installs the schematic drawing



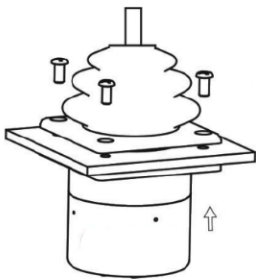
Front view



Vertical view



## The machinery installment



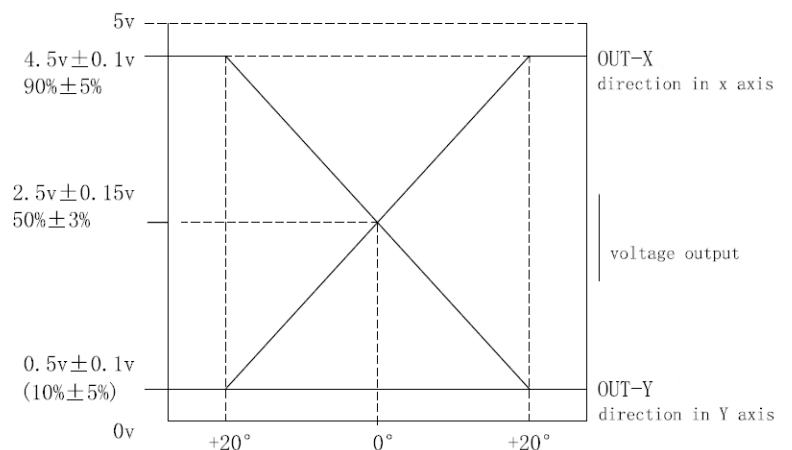
( 4pcs M3\*12)screws

( Mounting panel thickness 3-8mm )

( Product from Mounting panel to the upward installment )

## Electrical installment

line color	Line NO.	function
Red	1	+5VDC
Black	2	0V
Yellow	3	X-OUT
Green	4	Y-OUT



Red: +5v DC

Black: 0v

Yellow: X-out

Green: Y-out

Blue: Z-out