

OM 902 SERIES JOYSTICK

Mechanical parameter

Swing angle: $\pm 20^\circ$

Service life:
More than 10,000,000 times

Operation strength: 5N (biggest)

Limit force: 200N

Weight: 50g

Optionals

Terminal type

Lead length

Seal form

Switch

potentiometer model specification

Light or heavy handling



Features

Flexible handling
Small resetting error
Long life-time

Electrical parameter

Total current: $< 30\text{mA}$
Linearity tolerance: $\pm 3\%$
Power supply voltage: $\text{DC}5\text{V} \pm 10\%$
Load resistance: $\geq 10\text{K}\Omega$

Environmental parameter

Operating temperature scope: $-25^\circ\text{C} \sim +75^\circ\text{C}$

Protection rank: IP65

Typical Applications

Move photography and cctv control system

Medical imaging system

Measurement equipments

Automotive control

Video editing equipments

Industrial and scientific instruments

Product Selection

OM902 - □□□

① ②

① Product series number

OM902 series industry handle, three axis hall type, with button , spring automatic reset, without direction switch, the installment pitch of hole size is 36mm*36mm. Mainly used in the wheelchair control , video control and engineering vehicle control.

② Output signal

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

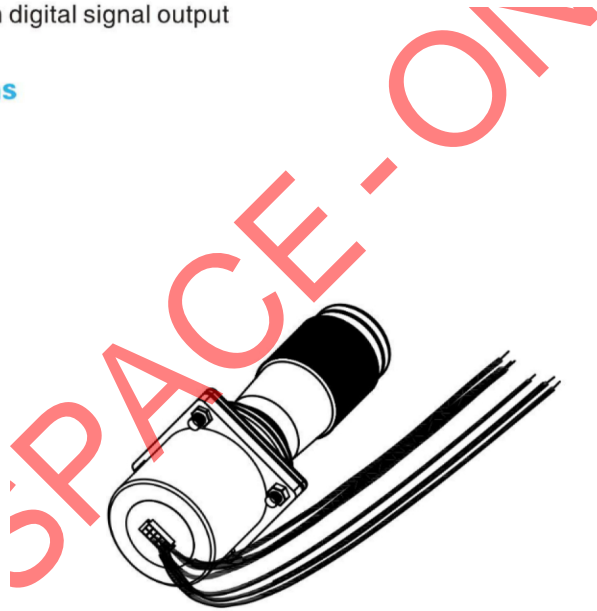
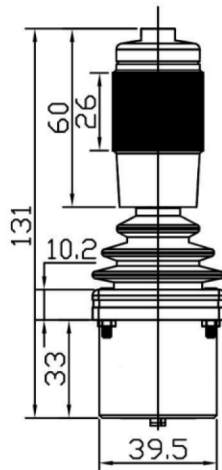
H52=Hall type DC5V power source, output voltage 0V ~ 2.5V ~ 5.0V

RS232=RS232 serial digital signal output

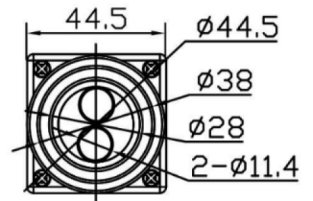
USB=USB connection digital signal output

External dimensions

Front view



Vertical view



Installation method

