

# OM 801 SERIES JOYSTICK



## Features

Flexible handling  
Small resetting error  
Long life-time

## Optionals

Terminal type  
Lead length  
Seal form  
Switch  
potentiometer model specification  
Light or heavy handling

## Mechanical parameter

Swing angle:  $\pm 25^\circ$   
Service life:  
More than 5,000,000 times  
Operation force: 15N (biggest)  
Limit force: 50N  
Weight: 120g

## Typical Applications

Move photography and cctv control system

Medical imaging system

Measurement equipments

Automotive control

Video editing equipments

Industrial and scientific instruments



## Electrical parameter

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

Linearity tolerance:  $\pm 5\%$

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

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

## Environmental parameter

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

Protection rank: IP65

## Product Selection

OM801 - □□□

①      ②

### Sub-item selection instructions

① Product series number

OM801 double axis hall type, the spring automatic reset, without direction switch, installation pitch of holes size 36mm\*36mm.

Mainly uses 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

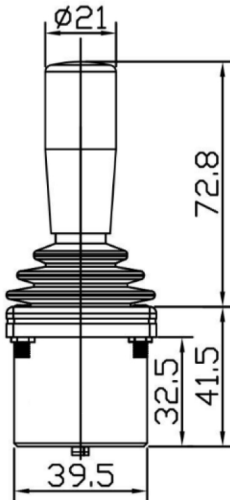
H52=Hall type DC5V power source, output voltage 0V ~ 2.5V ~ 5.0V

RS232=RS232C 串口数字信号输出 (serial digital signal output)

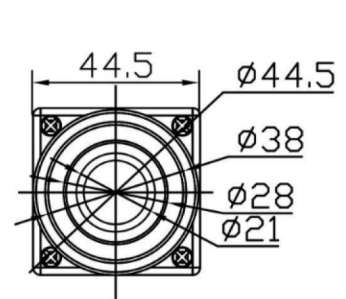
USB=USB 接口数字信号输出 (connection digital signal output)

## External dimensions

Front view



Vertical view



## The machinery installment

