

TJ6 Series Dual Axis Joystick

Product Features

- Finger operated , spring return.
- Arbitrary directional operated.
- Various voltage output optional.
- RS232 or USB connector output is available.
- Non-contact Hall sensor.

Application

Typical application on remote electric wheel chair, CCTV, video control equipment and medical equipment.



Technical Information

Electrical data

Power supply	5.0 ± 0.5Vdc (Standard Voltage)
Supply current	<9mA(Single output)
Maximum allowance overload voltage	20Vdc
Reverse polarity voltage(max)	-10Vdc
Load resistance	>10KΩ
Center tap voltage	2.5 ± 0.1V
Output linearity tolerance	<± 4%

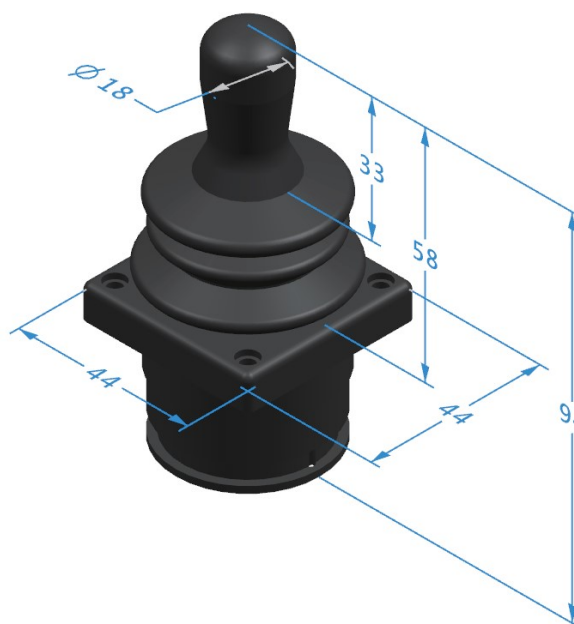
Mechanical features

Travel angle	About ± 20°
Operating type	Spring return
Breakout force	2.3N
Operating force(max)	6N
Maximum allowable force	>300N
Service life	>3 million cycles
Weight	120g

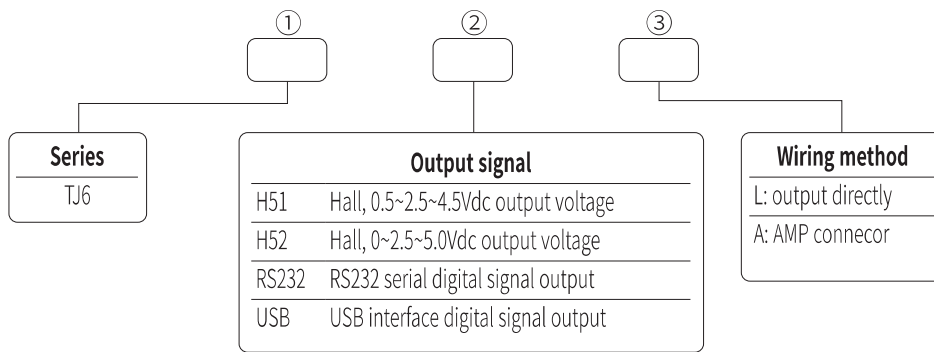
Environmental data

Operating temperature	-30°C~+70°C
Storage temperature	-40°C~+85°C
Protection level	IP65 (Above the flange)

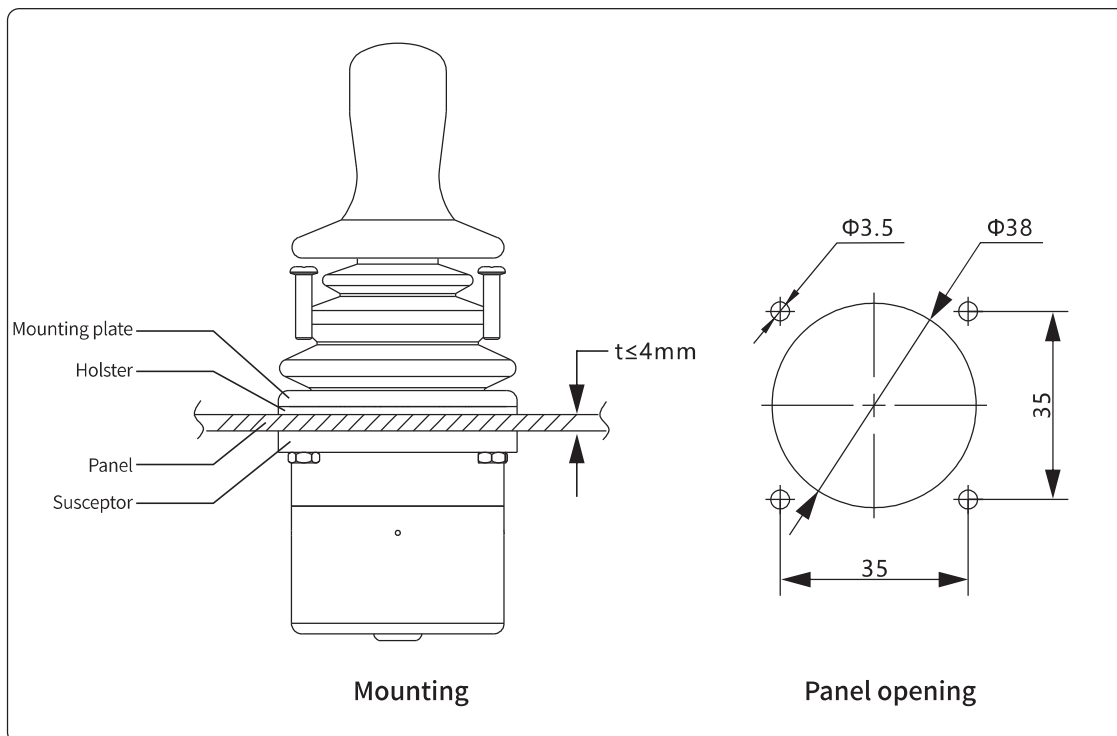
Dimensions



Product Configuration



Product Installation



Electrical Connections

Output Connection

Function	Color
VCC	Red
GND	Black
Xout	Yellow
Yout	Green

Note: See Appendix for schematic diagram of pin connection and Appendix for schematic diagram of output.