



欧姆特尔电子科技

办公地址：浙江省乐清市宁康西路 2 号交通大厦 11 楼 D 座

Address: Block D, 11th floor, Jiaotong building, No. 2 Ningkan west road, Yueqing city, Zhejiang, China.

电话 (TEL): +86-577-62591283 传真 (FAX): +86-577-62591280

网址: [Http://www.omter.com](http://www.omter.com) Email: omter@omter.com

OM100 Series Hall Joystick

OM100 Series Hall joystick provide the perfect solution for those status require frequent control cycle in poor conditions, need joystick have a sensitive sensor performance and highly reliability.

Through the Hall sensor technology, OM100 series joystick have solved the vibration and aging issues of the points of friction of the joystick

OM100 Series joystick passed the test of 10 million cycles to ensure the products' durability. In addition to the unique safety, it also provides users with a highly reliability and durable system.

The high-performance value of OM100 Series joystick contain in the simple assembly and compact design.

About the added versatility, the joystick can be specifically customized to meet the exact requirements of industrial applications.

Specification:

- Compact Design and Light Profile
- 2 Axes
- Rotation Life-----more than 10,000,000 cycles
- Voltage: 5V
- EMC Protection Device
- Rapid Response
- Stable Central Symmetry
- Protection levels: IP65
- Simple Assembly



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No need trapped in the various weakness of mechanical contacts longer, OM100 Series joystick can provide you with superior performance, higher reliability and longer operating life.



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Typical-Application:

Mobile Devices

Medical Devices

Industrial Control

CCTV Camera Control System

Remote Control and Radio Control

Robots and Manipulators Studio or Stage Lighting Equipment

Measurement System

Camera Lifting Platform

Electrical Specifications:

Supply Voltage: 5V

Center Voltage: 2.5V

Center Voltage: 2.5V Max

Output Mode: Analog Output/ Digital Output(RS-232-C)

Signal Swing: 50%Vs Max (Customizable)

Signal Fluctuation: Less than 1% of the output signal

Operating Temperature: -20°C — $+55^{\circ}\text{C}$

Mechanical Specifications:

Body: Fiberglass + Nylon

Gimbal: POM

Gimbal Spindle: Hardened Steel

Rubber Sleeve: Neoprene

Rod: 303 Stainless Steel

Diameter of Rod: 5.0 mm

Spring: Stainless Steel

Wire: Tinned Copper Wire



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