

霍尔控制杆 Hall joysticks

工作原理 Working Principle

采用霍尔效应传感器，以磁场为工作媒体，将物体的运动参量转变为数字电压的形式输出，使之具备传感和开关的功能。

Effect sensor will be applied. Working in the magnetic field, in which the removal of the joysticks will be transferred and output as a digital voltage, which made joysticks work as sensors and joysticks.



H200

H300

H400

H系列控制杆 H series

特点 Features

H系列控制杆是一个非接触式，采用霍尔效应传感器，弹簧自动复位，使用寿命长的控制杆。采用无接触的霍尔效应工艺，操作力较小，清洁方便，应用于对准确度和精密度要求比较高的场合。

H joystick is a non-contact joystick with long life time. It applies hall effect sensor, handling soft, easy for cleaning, suitable for application where high accuracy and precision is required.

电气技术指标 Electrical data

参数 Specification	数值 Values
额定电压 Rated Voltage	5VDC
基本输出电压 Supply Voltage	0-5.0VDC
中心电压 Center Voltage	2.5VDC (± 25mV)
额定电流 Supply Current	最大10mA /轴
输出电流 Output Current	最大2mA /轴
输出公差 Output Tolerance	± 2%
导线规格 Lead Size	AWG28铁氟龙绝缘镀银彩色导线 标准线长200mm或按客户要求 AWG28 silver plated, PTFE insulated, Standard length 200mm other lengths on request

导线颜色顺序

Lead color code

红色Red=5 VDC电源正极
Supply voltage positive
黑色Black=电源负极
Supply voltage negative
蓝色Blue=X轴 X axis
黄色Yellow=Y轴 Y axis
绿色Green=Z轴 Z axis
白色White=开关Switch
橙色Orange=开关Switch

外形尺寸 Outline Dimension

