

单轴操纵杆OMC100系列(拇指推杆)

Single-axis thumb joystick OMC100 series (thumb joystick)



OMC100系列单轴操纵杆。采用德国进口霍尔传感器,全温度范围线性补偿,多点线性度较正,运动部件与传感器非接触,寿命长。 适用于工程机械、液压控制等领域。

0MC100 series single-axis joystick. It adopts Hall sensor imported from Germany, linear compensation in full temperature range, multi-point linearity correct, moving parts and sensor are non-contact and long life.

特性:

● 轴 数 : 1 轴, 霍尔传感器 Number of axes: 1 axis, Hall sensor

● 定位方式 : 弹簧自动回位和多种档位 Positioning method: Spring automatically return and more gear

● 操作角度: ±30 度(60 度) Operating angle: ±30 degrees (60 degrees)

●供电: DC5V (12MA) Power supply: DC5V (12MA)

● 信号输出 : 模拟电压 0.5-4.5V (0-5V 之间,工厂可编程信号输出)

Signal output: analog voltage0.5-4.5V(0-5V signal output can made by factory)

● 回位精度: 小于 0.3% Return accuracy:less then 0.3%

● 寿 命 : 大于 1000 万次; Life: more than 10 million times;

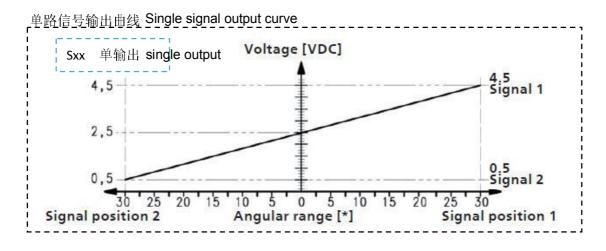
● 操作温度 : -40℃~+70℃ IP66 防护 Operating temperature: -40°C~+70°C IP66 protection

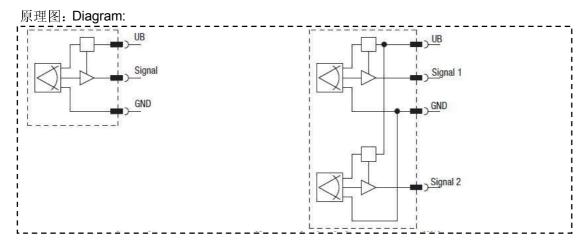






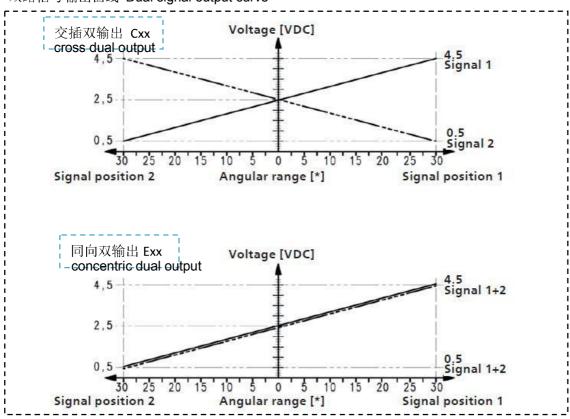
产品命名规则: product selection: OMC100 01 R0 S45 5 信号输出 Signal output 供电 手柄印字 手柄颜色 产品 Handle print Power supply handle color S47=单输出 0.3-4.7V 系列 single output (参见印字说明) A=黑色 black 5=5V Product series S45=单输出 0.5-4.5V Reference printing single output O=橙色 Orange instructions C47=双输出 0.3-4.7V Y=黄色 yellow N=无印字 dual output N: no marking G=绿色 green E45=双输出 0.5-4.5V B=蓝色 blue 定位方式 Position mode RO= 弹簧自动回位 spring return automatic 弹簧回位前端锁定 spring return front locking R2= 弹簧回位后端锁定 spring return back locking F = 摩擦阻力定位 friction resist position D2 = 2档+2端复位 2gear+2 terminal reset D3 = 3档+2端复位 3 gear+2 terminal reset D11 = 11 档 11 gear







双路信号输出曲线 Dual signal output curve



输出引线: Output wiring:

引线长度: 18CM Wiring length: 18cm

Wiring color	符号 symbol	说明	description
红色 Red	+5V	电源正 +5V	Power positive +5V
黑色 Black	GND	电源负 GND	Power negative GND
黄色 Yellow	Out1	信号输出1	Signal output 1
绿色 Green	Out2		只有双输出型号才有)
Signal output 2 (only in dual output mode			



结构尺寸图: Drawing:

