

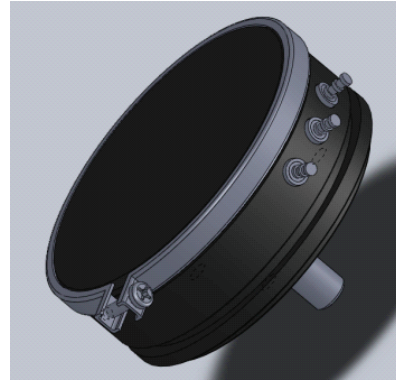
# WDD50D-S00

(原型号为：FCP50A)

## 产品实物图 (Product)



## 内部结构图 (Basic Construction)

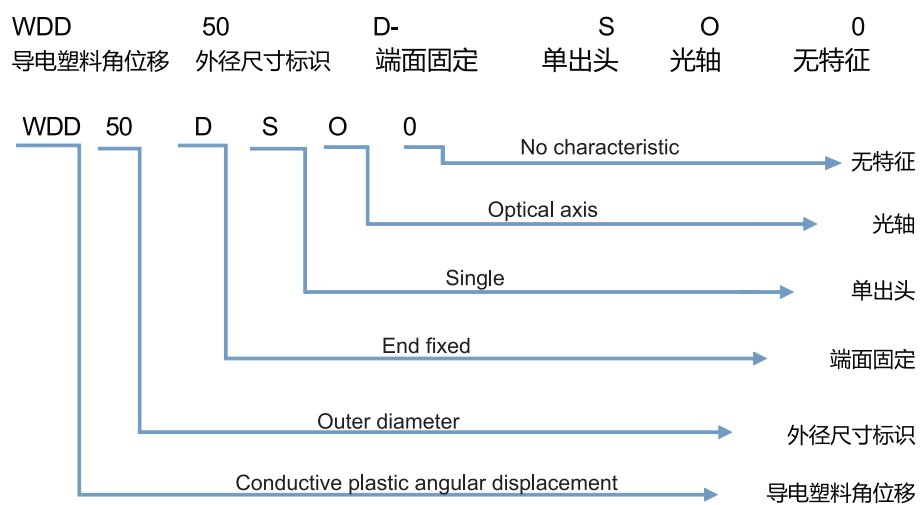


WDD50系列

## 特征(Features)

- 线性精度高
- 机械寿命长
- 分辨率高
- 动态噪声小
- 安装方便可靠
- Precision linearity
- Long mechanical life
- High resolution
- Small dynamic noise
- Convenient and reliable installation

## 选型(Part number designation)



# WDD50D-S00

## (原型号为 : FCP50A)

### 参数(Specification)

#### ● 电气性能 Electrical Properties

标准阻值 Standard Resistance	1K,2K,5K,10K(Ω)
阻值公差 Resistance Tolerance	±15% (标准级standard) ±1% (精密级precision)
独立线性度 Independent Linearity	±1% (标准级standard) ±0.1% (精密级precision)
理论电气转角 Electrical Travel	350°±2°(角度可定制 special angle is available)
额定功率 Power Rating	2W (70°C)
电阻温度系数 Resist.Temperature Coefficient	±400p.p.m./°C
绝缘电阻 Insulation Resistance	≥1000MΩ (500V.D.C)
绝缘耐压 Dielectric Strength	1000V (AC.RMS)1min
输出平滑性 Output Smoothness	≤±0.1%
分辨率 Resolution	无限infinite

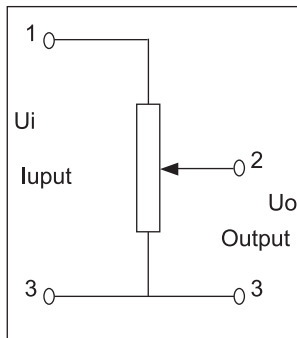
#### ● 机械性能 Mechanical Properties

机械转角 Mechanical Travel	360° (连续 endless)
启动力矩 Starting Torque	≤10*10 <sup>-4</sup> N.M
最大旋转角度 The maximum rotation angle	600U/min

#### ● 环境特性 Environment Characteristics

机械寿命 Life Expectancy	50*10 <sup>6</sup> 周cycle
使用环境 Operating Temperature	-55°C~+125°C
振动 Vibration	15G 2000Hz
冲击 Shock	50G 11ms

### 电路图(Output circuitry)



1、3端接输入  
2号端接输出

1、3 terminal is connected with the input  
2、connected with the output

### 尺寸图(Installation Size)

