

R120LC RVDTs

直流差动电感式角位移传感器

- 直流供电
- $\pm 60^\circ$ 量程



产品说明

R120LC是一款直流非接触式角位移传感器。

该R120LC结合了一组印制电路线圈和导电绕流器，拥有设计专利，具有优越的性能和低廉的成本。

它的数字电路具有很强的抗环境干扰能力，特别适合于大多数工业应用。

该R120LC采用非接触式技术，不存在电位计遇到的磨损问题。

特点

- 工作温度范围宽
- 无限分辨率
- 理论上接近无线的使用寿命

应用

- 液压泵控制
- 旋转执行器反馈
- 节流阀控制杆位移反馈

性能参数

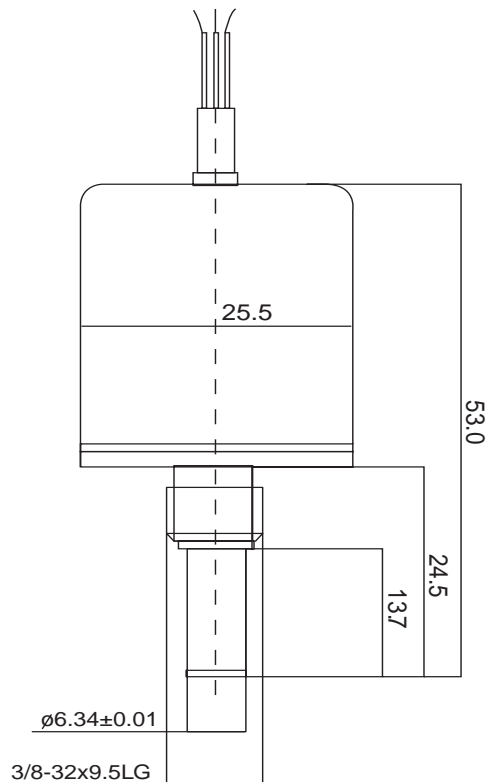
量程	$\pm 60^\circ$
输入电压(标称)	5 V(4.75 ~ 5.25V)
比例系数	0.125V/°
输出电压(最大)	0.5 ~ 4.5V
输入电流(最大)	21mA
输出电流(最大)	5 mA
输出阻抗	< 10
频率响应	200Hz(-3dB)
线性度误差	满量程输出 $\pm 0.5\%$
重复性与迟滞	满量程输出0.1%
存储温度	-65 ~ 250 (-55 ~ 125)
工作温度	-13 ~ 185 (-25 ~ 85)
满度的温度系数	$\pm 0.03\%$ /FS
导线	24 AWG, Teflon绝缘材料, 4线, 长度最短为12英寸

R30D RVDTs

直流差动变压器式角位移传感器

产品尺寸

英寸(毫米)



联系方式

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