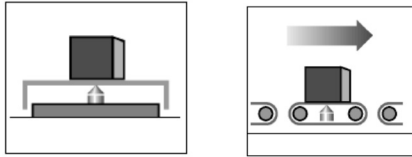
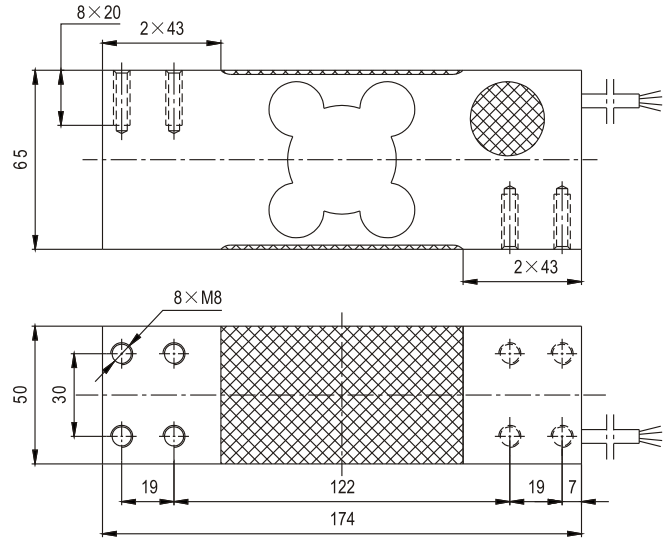
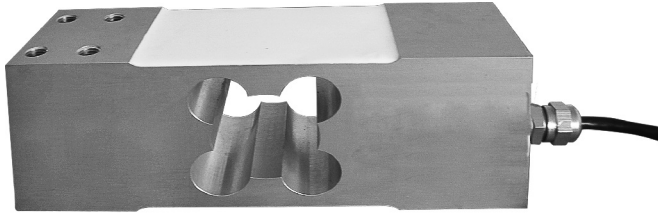


# SP10

## Load cells 称重传感器



### Specifications 技术说明 Exc+激励正 (Red,红);Exc-激励负(Black,黑);Sig+信号正(Green,绿);Sig-信号负(White,白)

Item 项目	Unit 单位	Parameter 参数	
		C 2	C 3
Accuracy class to OIML R 60 精度等级		C 2	C 3
<b>Maximum capacity (Emax) 额定载荷</b>	<b>kg</b>	<b>50,100,150,200,250,300,500,635</b>	
<b>Sensitivity (Cn) / Zero balance 灵敏度/零点平衡</b>	<b>mV/V</b>	<b>2.0 ± 0.2 / 0 ± 0.1</b>	
Temperature effect on zero balance (TK0) 温度对零点影响	% of Cn/10K	±0.0175	±0.0140
Temperature effect on sensitivity (TKc) 温度对灵敏度影响	% of Cn/10K	±0.0175	±0.0140
Hysteresis error (dhy) 滞后误差	% of Cn	±0.02	±0.0150
Non-linearity(dlin) 非线性误差	% of Cn	±0.0270	±0.0167
Creep(dcr) over 30 min. 蠕变及蠕变恢复	% of Cn	±0.0250	±0.0167
Eccentric error 四角误差	% of Cn	±0.0233	
<b>Input (RLC)&amp;Output resistance (R0) 输入&amp;输出电阻</b>	<b>Ω</b>	<b>400 ± 20 &amp; 352 ± 3</b>	
<b>Nominal range of excitation voltage (Bu) 额定电压</b>	<b>V</b>	<b>5~12</b>	
Insulation resistance (Ris) at 50Vdc 绝缘电阻	MΩ	>2000	
Service temperature range (Btu) 工作温度	℃	-20...+50	
Safe load limit (EL) & Break load(Ed) 安全承载&破坏载荷	% of Emax	120 & 200	
<b>Protection class according to EN 60 529 (IEC 529) 保护等级</b>		<b>IP65</b>	
Material :Measuring element 材料: 弹性体		Aluminum	

Maximum capacity (Emax) 额定载荷	kg	50	100	150	200	250	300	500	635
Min. load cell verification inter(vmin) 最小检定分度值	g	10	20	20	50	50	50	100	100
Maximum platform size 最大秤台尺寸	mm	600×600							
Deflection at Emax (snom), approx 最大载荷下的变形量	mm	<0.6							
Weight(G), approx 重量	kg	1							
Cable 电缆: Diameter 直径: Ø5mm Length长度	m	1.3							
Mounting:Cylindrical head screw 装配:内六角圆柱头螺钉		M8-10.9(635kg:M8-12.9)							
Tightening torque 螺丝紧固力矩	N.m	35N.m(635kg:42N.m)							