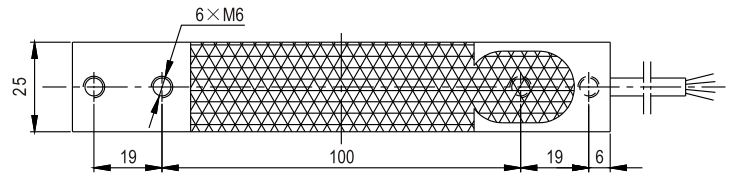
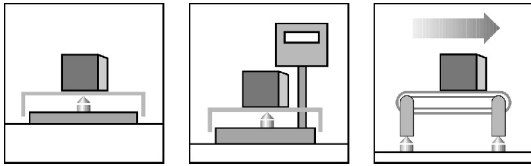
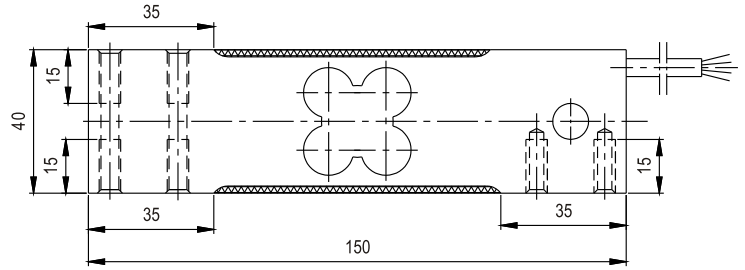


SP07

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	
Accuracy class to OIML R 60 精度等级		C 2	C 3
Maximum capacity (E_{max}) 额定载荷	kg	7.5,15,20,30,50,75,100,150,200	
Sensitivity (C_n) / Zero balance 灵敏度/零点平衡	mV/V	2.0 ± 0.2 / 0 ± 0.1	
Temperature effect on zero balance (TK ₀) 温度对零点影响	% of C _n /10K	±0.0175	±0.0140
Temperature effect on sensitivity (TK _c) 温度对灵敏度影响	% of C _n /10K	±0.0175	±0.0140
Hysteresis error (d _{hy}) 滞后误差	% of C _n	±0.02	±0.0150
Non-linearity(d _{lin}) 非线性误差	% of C _n	±0.0270	±0.0167
Creep(d _{cr}) over 30 min. 蠕变及蠕变恢复	% of C _n	±0.0250	±0.0167
Eccentric error 四角误差	% of C _n	±0.0233	
Input (R_{Lc})&Output resistance (R_o) 输入&输出电阻	Ω	400 ± 20 & 352 ± 3	
Nominal range of excitation voltage (B_u) 额定电压	V	5~12	
Insulation resistance (R _{is}) at 50Vdc 绝缘电阻	MΩ	≥2000	
Service temperature range (B _{tu}) 工作温度	°C	-20...+50	
Safe load limit (E _L) & Breaking load(E _d) 安全承载&破坏载荷	% of E _{max}	120 & 150	
Protection class according to EN 60 529 (IEC 529) 保护等级		IP65	
Material :Measuring element 材料: 弹性体		Aluminum	

Maximum capacity (E _{max}) 额定载荷	kg	7.5	15	20	30	50	75	100	150	200
Min. load cell verification inter(v _{min}) 最小检定分度值	g	1	2	5	5	10	10	20	20	50
Maximum platform size 最大秤台尺寸	mm	500×400								
Deflection at E _{max} (s _{nom}) ,approx 最大载荷下的变形量	mm	<0.5								
Weight(G),approx 重量	kg	1.0								
Cable 电缆: Diameter 直径:∅5mm Length长度	m	1.5								
Mounting:Cylindrical head screw 装配:内六角圆柱头螺钉		M6-10.9(200kg:M8-10.9)								
Tightening torque 螺丝紧固力矩	N.m	14N.m(200kg:33N.m)								