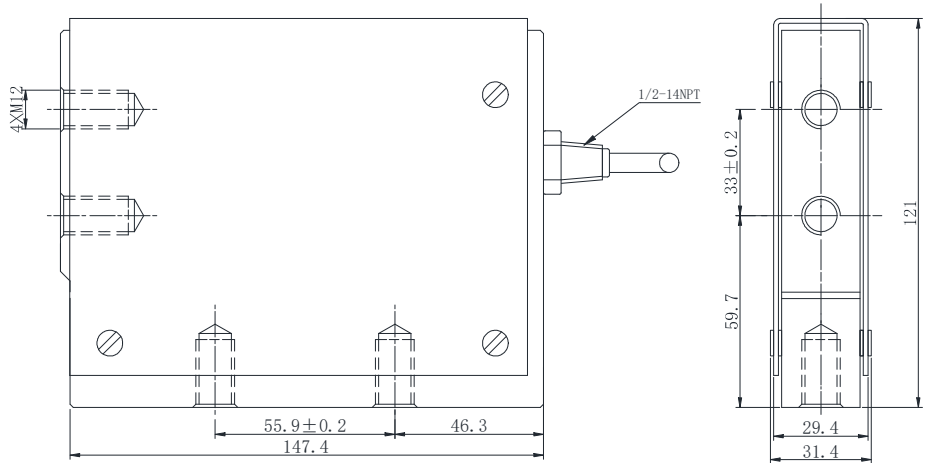


XS07 Load cells



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 R60 精度等级		0.03
Maximum capacity (E_{max}) 额定载荷	lb	250,500,1000
Minimum LC verification interval (V _{min}) 最小检定分度值	% of E _{max}	0.0180
Sensitivity (C_n) / Zero balance 灵敏度/零点平衡	mV/V	2.0±0.005/0±0.03
Temperature effect on zero balance (TK ₀) 温度对零点影响	% of C _n /10K	±0.0175
Temperature effect on sensitivity (TK _c) 温度对灵敏度影响	% of C _n /10K	±0.0175
Hysteresis error (d _{hy}) 滞后误差	% of C _n	±0.03
Non-linearity(d _{lin}) 非线性误差	% of C _n	±0.03
Creep(d _{cr}) over 30 min. 蠕变及蠕变恢复	% of C _n	±0.03
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	>5000
Service temperature range (B _{tu}) 工作温度	°C	-30...+70
Safe load limit (E _L) & Breaking load(E _d) 安全承载&破坏载荷	% of E _{max}	150 & 300
Permissible dynamic load(F _{srel}) 允许动态承载 (Vibration amplitude according to DIN 50100)	% of E _{max}	70
Protection class according to EN 60 529 (IEC 529)保护等级		Ip66
Material :Measuring element 材料:测量元件		Stainless or alloy steel
Maximum capacity (E_{max}) 额定载荷	lb	250,500,1000
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	3.2
Cable 电缆: Diameter 直径:∅6mm Length长度	m	6