

GML-X8 Q Series系列

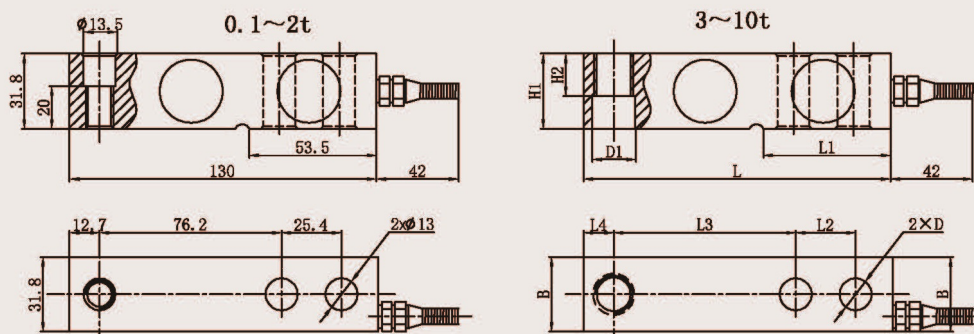


悬臂梁称重传感器 Shear Beam Load Cell

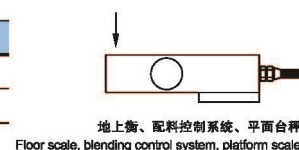
结构紧凑，安装高度低；
有过载保护与支撑杆，采取摆支撑有自复位功能；
模拟及数字版本可选。

Compact installation at minimum installation height;
With overload stop and stay rod,
Self-restoring due to pendulum bearing;
Analog or digital version selection.

单位 Unit: mm



Cap(unit:t)	L	L1	L2	L3	L4	B	H1	H2	D	D1	D2
3~5	171.5	72.5	38.1	95.3	19	38.1	38.1	26	Ø 20	Ø 20	M18×1.5
7.5~10	225.5	102	50.8	124	25.3	50.8	50.8	25.4	Ø 27	Ø 27	M24×2



Specifications 技术说明

Exc+ (Red,红); Exc-(Black,黑); Sig+(Green,绿); Sig-(White,白); Sen+(Blue,蓝); Sen-(Yellow,黄)

Item 项目	Unit 单位	Parameter 参数			
Accuracy class 精度等级		C3			
Maximum capacity(Emax) 额定载荷	t	0.1 / 0.3 / 0.5 / 1 / 2 / 3 / 5 / 7.5 / 10			
Minimum LC verification interval (Vmin) 最小检定分度值	% of Emax	0.0100			
Sensitivity (Cn) / Zero balance 灵敏度 / 零点平衡	mV/V	0.1~0.3t : 2.0±0.002 / 0±0.02 1~10t : 3.0±0.003 / 0±0.03			
Temperature effect on zero balance(TK0) 温度对零点影响	% of Cn/10K	±0.0170			
Temperature effect on sensitivity(TKc) 温度对灵敏度影响	% of Cn/10K	±0.0170			
Hysteresis error(dhy) 滞后误差	% of Cn	±0.0180			
Non-linearity(dlin) 非线性误差	% of Cn	±0.0167			
Creep(dcr) over 30 min 蠕变及蠕变恢复	% of Cn	±0.0167			
Input(RLc) & Output resistance (Ro) 输入&输出电阻	Ω	400±10 & 352 ±3			
Nominal range of excitation voltage (Bu) 额定电压	V	5~15			
Insulation resistance (Ris) at50Vdc 绝缘电阻	MΩ	≥5000			
Service temperature range (Btu) 工作温度	℃	-40...+70			
Safe load limit (EL) & Breaking load (Ed) 安全承载&破坏载荷	% of Emax	120 & 200			
Protection class according to EN60529 (IEC 529) 保护等级		IP68 / IP67			
Material 材料		合金钢和不锈钢可选 Option: Alloy steel, Stainless steel.			
Maximum capacity (Emax) 额定载荷	t	0.1~2.5	3	5	7.5 10
Deflection at Emax (snom) ,approx 最大载荷下的变形量	mm	<0.65	<0.75	<0.85	
Weight (G) , approx 重量	kg	1.2	1.7	3.8	
Cable 电缆: Diameter 直径: Ø6mm Length 长度	m	3	4.2	5	