

GML-X8 F Series系列



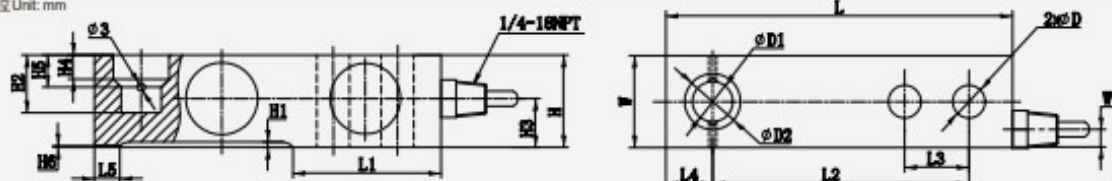
悬臂梁称重传感器 (可选数字版)

Shear Beam Load Cell (Digital Version Available)

结构紧凑, 安装高度低;
焊接密封, 防护等级IP68;
防爆等级: Ex ia IIC T4 Ga; Ex iaD 20 T135;
模拟及数字版本可选。

Compact installation at minimum installation height;
Welded sealing, IP68;
Explosive-proof grade: Ex ia IIC T4 Ga; Ex iaD 20 T135;
Analog or digital version selection.

单位 Unit: mm



Cap.(unitt)	D	D1	D2	H	H1	H2	H3	H4	H5	H6	L	L1	L2	L3	L4	L5	W	W1
0.1~1	13.0	22.2	15.9	30.2	1.8	17.3	16.0	4.8	7.9	0.38	133.4	57.7	101.6	25.4	15.4	6.4	30.7	6.1
2	13.0	22.2	15.9	36.6	6.0	22.9	19.6	9.5	12.7	/	136.7	57.9	101.6	25.4	18.4	/	36.8	6.1
3	15	22.2	15.9	36.6	4.0	22.9	19.6	9.5	12.7	/	136.7	57.9	104.6	25.4	18.4	/	39	6.1
5,7.5	19.3	34.9	22.2	42.9	4.5	29.3	22.6	10.8	17.8	/	171.5	73.8	133.4	38.1	21.4	/	42.9	6.1

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 / 0.2 / 0.5 / 1 / 2 / 3 / 5 / 7.5		
Minimum LC verification interval(Vmin) 最小检定分度值	% of Emax	0.0200		
Sensitivity(Cn)/Zero balance 灵敏度/零点平衡	mV/V	2.0±0.002/0±0.02		
Temperature effect on zero balance (TKD) 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 (R0) 输入&输出电阻	Ω	400±20 & 352±3		
Nominal range of excitation voltage (Bu) 额定电压	V	5~15		
Insulation resistance(Ris) at 50Vdc 绝缘电阻	MΩ	>5000		
Service temperature range(Btu) 工作温度	C	-30...+70		
Safe load limit(EL) & Break load(Ed) 破坏载荷&安全承载	% of Emax	150 & 300		
Protection class according to EN60529 (IEC 529) 保护等级		IP68		
Material : Measuring element 材料:测量元件		Stainless or Avolly steel 合金钢和不锈钢可选		
Cable fitting 电缆配件		Stainless steel or nickel-plated brass		
Cable-sheath 电缆护套		PVC		
Maximum capacity(Emax) 额定载荷	t	0.1 / 0.2 / 0.5 / 1	2 / 3	5 / 7.5
Deflection at Emax(Sno),approx.最大荷下的变形量	mm	<0.5	<0.5	<0.6
Weight(G),approx重量	kg	1.1	1.3	3.2
Cable 电缆: Diameter 直径 Φ6mm Length 长度	m	4.5	4.5	7