

Model U9HA/U9H

测量范围 (50N-2KN)

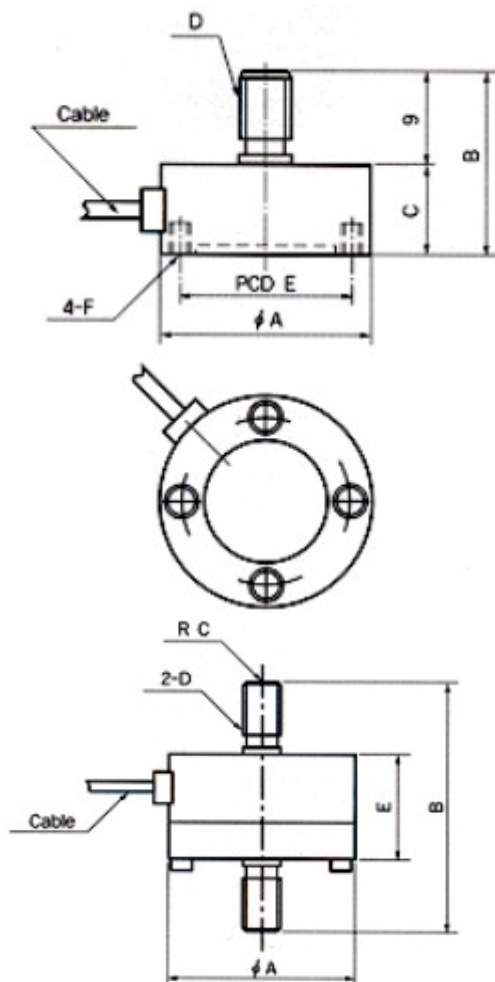


The U9H -beam load cell is designed for industrial scale conversion and a variety of process applications.

- Miniature strength sensor.
- Fully welded seal with stainless steel cover for hostile environment applications.

SPECIFICATIONS

技术参数 Technical Data	单位 Unit	
额定载荷 Emax (Rated Capacity)	N	50, 100, 200, 500,1000, 2000,
额定输出 (Rated Output)	mV/V	1.0-1.5
零点平衡 (Zero Balance)	mV/V	0±0.1
综合精度 (Comprehensive precision)	%	0.5
温度对零点影响 (Temperature Effect On Zero)	%/10K	±0.1
非线性误差 (Non-Linearity)	%	±0.1
滞后误差 (Hysteresis Error)	%	±0.1
蠕变及蠕变恢复 (Creep/30 Min)	%	±0.1
输入电阻 (Input Resistance)	Ω	350±20
输出电阻 (Output Resistance)	Ω	350±3
参考电压 (Reference Excitation Voltage)	V	10
最大工作电压 (Maximum Excitation Voltage)	V	12
绝缘电阻 (Insulation Resistance)	GΩ/100V	>2
额定温度范围 (Nominal Temperature Range)	℃	-10~+40
工作温度范围 (Operating Temperature Range)	℃	-20~+50
储存温度范围 (Storage Temperature Range)	℃	-30~+70
安全承载 (Safe Load Limit)	%	150
极限承载 (Breaking Load)	%	200
材料 (Material)		Alloy steel
保护等级 (Protection class)		IP66



DIMENSIONS TABLE

Model	U9HA						U9H					
Rate Capacity	A	B	C	D	E	F	A	B	C	D	E	F
1kgf (9.807N)	23	20	10	M3×0.5	18	M3DP5	23	34	20	M3×0.5	14	-
2kgf (19.61N)	23	20	10	M3×0.5	18	M3DP5	23	34	20	M3×0.5	14	-
5kgf (49.03N)	23	20	10	M3×0.5	18	M3DP5	23	34	20	M3×0.5	14	-
10kgf (98.07N)	27	21	11	M6×1	22	M3DP5	27	37	30	M6×1	17	-
20kgf (196.1N)	27	21	11	M6×1	22	M3DP5	27	37	30	M6×1	17	-
50kgf (490.3N)	27	21	11	M6×1	22	M3DP5	27	37	30	M6×1	17	-
100kgf (980.7N)	27	21	11	M6×1	22	M3DP5	27	37	30	M6×1	17	-
200kgf (1.961KN)	27	21	11	M6×1	22	M3DP5	27	37	30	M6×1	17	-

SPH (Shanghai) Industrial Sensor Ltd.

TEL: 86-21-5108-5998

FAX : 86-21-5106- 9009

www.yanatoo.com

zhang@yanatoo.com