DYZX-001 悬臂梁式称重传感器 Cantilever beam load cell

产品综述 Product Reviews

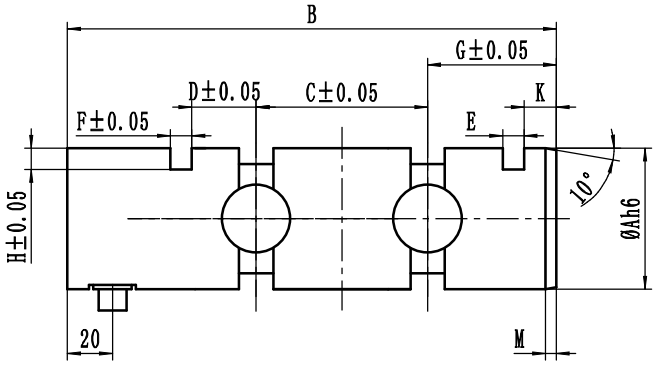
特性：
结构紧凑，综合精度高，长期稳定性好，优质合金钢表面镀镍。

应用领域：
大力值试验机、料斗秤、吊钩秤、包装秤、皮带秤、插拔力测试仪等拉压力测试仪器以及自动化设备领域和测试领域。

Characteristic:
Compact structure, high comprehensive precision, good long-term stability, high quality alloy steel surface nickel plating.

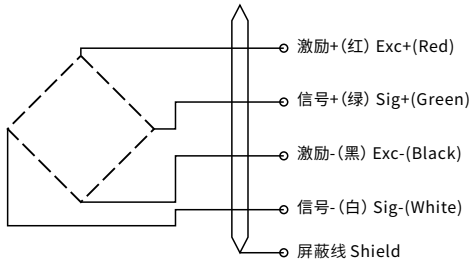
Application fields:
The Þeld of tension and pressure testing instruments such as heavy duty testing machine, hopper scale, hook scale, packaging scale, belt scale, plug-in force tester, automation equipment and testing Þeld.

外形尺寸 External Dimension

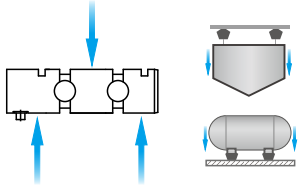


量程(t)	A	B	C	D	E	F	G	H	K	M
2,3,5	50	180	66	27	4.5	6.5	32	7	9	3
7,10	60	190	96	14	10	9	33	9	9	5
10,15	65	210	116	14	10	9	32	9	8	5
20,30	80	225	109	20	12	11	40	10	8	6
40, 50,100	120	2 75	153	25	14	13	51	15	12	6

传感器接线示意图 Sensor wiring diagram



传感器受力图 Force diagram of sensor



参数表 Parameters Table

量程 Capacity	0-100T	材质 Material	合金钢
输出灵敏度 Rated Output	1.0±0.05mV/V	阻抗 Impedance	700±5Ω
零点输出 Zero Balance	±2%F.S.	绝缘电阻 Insulation	≥5000MΩ/100VDC
非线性 Non-Linearity	0.5%F.S.	使用电压 Operating Temp Range	5-15v
滞后 Hysteresis	0.5%F.S.	工作温度范围 Operating Temp Range	-20-80℃
重复性 Repeatability	0.5%F.S.	安全过载 Safe Overload	150%
蠕变(30分钟) Creep(30min)	0.5%F.S.	极限过载 Maximum Overload	300%
温度灵敏度漂移 Temp Effect on Output	0.05%F.S./10℃	电缆线规格 Cable Specifications	ϕ5x3m
零点温度漂移 Temp Effect on Zero	0.05%F.S./10℃	线缆极限拉力 Cable ultimate pull	10kg
响应频率 Response frequency	10kHz	TEDS可选	