

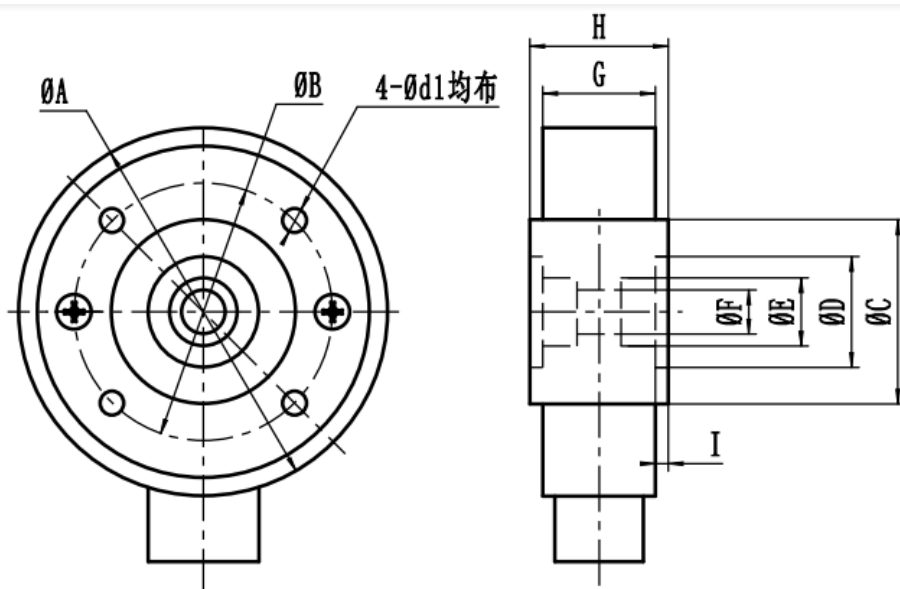
LCZL-B05 Tension Sensor

Characteristics & Usage:

Compact structure, high comprehensive accuracy, good long-term stability, high quality alloy steel surface nickel plating

5 times overload capacity, zero point stability, stainless steel material, corrosion resistance, high reliability, compact structure, convenient installation, oil and dirt resistance, good stability and reliability, high precision, suitable for the occasions with high measurement requirements

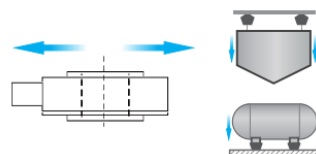
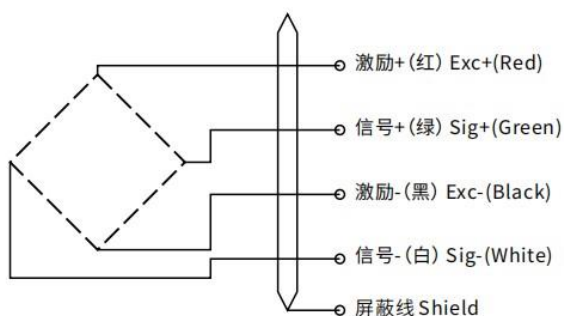
Dimensions (mm) :



Capacity(N)	A	B	C	D	E	F	G	H	I	d1
50-150	93	64	45	26	16	9	30.5	37.5	3.5	5.5
50-500	100	70	50	30	18.5	12	30.5	37.5	3.5	6.6
150-1000	105	75	60	40	20	17	30.5	37.5	3.5	6.6
150-1500	125	95	70	45.5	33	20/25	40	48	4	7
375-3000	175	135	100	70	44/48	35/40	57	65	4	9
750-12000	225	175	130	80	64/70	50/60	66	76	4	11

Sensor wiring diagram

Force diagram



Technical parameters

量程 Capacity	50~12000N	材质 Material	不锈钢/合金钢 Stainless Steel/Alloy Steel
输出灵敏度 Rated Output	2.0±0.05mV/V	阻抗 Impedance	350 Ω
零点输出 Zero Balance	±1% F.S.	绝缘电阻 Insulation	≥5000M Ω /100VDC
非线性 Non-linearity	0.3% F.S.	使用电压 Recommended Excitation	5-15V
滞后 Hysteresis	0.3% F.S.	工作温度范围 Operating Temp range	-20~60℃
重复性 Repeatability	0.1% F.S.	安全超载 Safe Load Limit	150%
蠕变 (30 分钟) Creep (30 Min)	0.1% F.S.	极限超载 Ultimate Load Limit	300%
温度灵敏度漂移 Temp Effect on Output	0.002% F.S. /10℃	电缆线规格 Cable Specifications	Φ5*3m
零点温度漂移 Temp Effect on Zero	0.002% F.S. /10℃	线缆极限拉力 Cable ultimate pull	10kg
响应频率 Response frequency	10kHz	TEDS Optional 可选	