

LDB ONE POINT LOAD CELL

本荷重元係專為平台秤重單元所設計之荷重元，採扁平式之結構設計，以降低秤重單元之高度，使用高強度鋁合金材料，感應部份全部以矽膠密封保護。特別適用於秤台及工業秤重之需求，具以下之特點：

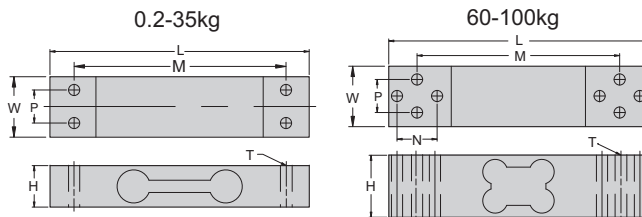
This Load cell is special designed for platform weighing scale. The low-profile construction reduces weighing scale dimensions. Use high strength aluminum alloy as spring element. The sensor elements are fully protected by silicon coating. That is suitable for use in platform scale or industrial weighing application.

特點 Features

- 扁平式結構 **Low profile**
- 封膠保護 **Silicon coating protection**
- 低偏心誤差 **Low Corner error**
- 防塵防潮 **Moisture and protection**
- **LDB0.2, 0.4, 0.6, 1, 2, 3, 6, 10, 15, 20, 30, 60, 100, 200**



Installation Dimensions



Capacity (kg)	L	M	N	W	P	H	T	台面 Platform
0.2/0.4	70	58	---	12	7	22	M3 × 0.5	50 × 50
0.6/1/2/3	70	58	---	15	7	22	M3 × 0.5	200 × 200
6/10/15/20	130	106	---	30	15	22	M6 × 1.0	250 × 250
30/35	130	106	---	40	15	22	M6 × 1.0	300 × 300
60/100/200	150	117	19	35	15	40	M6 × 1.0	400 × 400

Specification

額定輸出 Rated Output	2.0mV/V(LDB0.2~1 1.0mV/V)
總和誤差 Total Error	0.05%
重現性 Repeatability	0.03%
潛變 Creep	0.05%/30min
輸入阻抗 Input Resistance	430 or 405 ±25 Ω
輸出阻抗 Output Resistance	350 ±5 Ω
最大輸入電壓 Max. Excitation Voltage	20V
建議輸入電壓 Recommended Excitation Voltage	10V
溫度被償範圍 Compensated Temp.Range	-10℃~50℃
使用範圍 Safe Temp.Range	-20℃~70℃
溫度對零點之影響 Temp.Effect on Zero Balance	0.05%R.O./10℃
溫度對額定輸出之影響 Temp.Effect on Rated Output	0.03%Load/10℃
零點誤差 Zero Balance	±3%R.O.
容許負荷 Safe Overload Rating	150%
導線長度 Cable Length	3m
接線方式 Cable Connection	Input:Red(+)/Black(-) Output:Green(+)/White(-)