



# 得豐實業有限公司

Dfwisdom Industrial CO., LTD

## B 型荷重元 Load cell

樑式荷重元係常用的地磅荷重元，其高敏感剪力感應結構及完全密封式保護，使荷重感應達到最高之精度與敏感度，特別適用於地磅，吊秤，重量，力量量測及自動控制上，具以下之特點

This is a shear - beam type load cell. Its hermetically sealed and high sensitivity make the load cell be ideal for using in high structure , it is very accuracy truck scales. weight and automatic weighing machines.



### ● 特點 Features

高精度 High accuracy

溫度補償 Thermally compensated

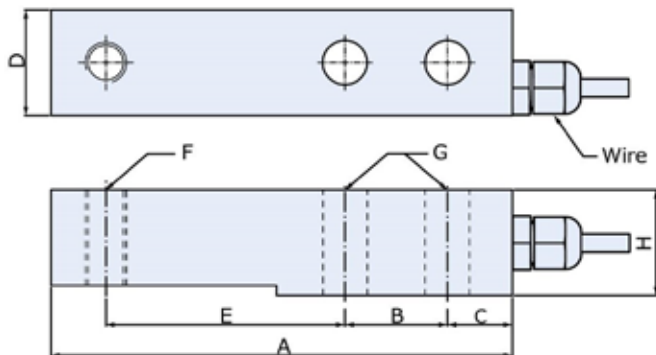
密封保護 Hermetically sealed

適用大型平台 Suitable for large platforms

B - 10, 20, 35g, 50, 100, 200, 500, 750 kg

1, 2, 3, 5, 7.5, 10 t

### ● 安裝尺寸 Installation Dimensions



TYPE	A	B	C	D	E	F	G	H
B - 10 kg	108	20	14	25	66	M8x1.25	Φ6.3	28
B - 20 kg								
B - 35 kg								
B - 50 kg								
B - 100 kg	135	30	19	31	70	M12x1.75	Φ13	31
B - 200 kg								
B - 500 kg								
B - 750 kg								
B - 1 t								
B - 2 t								
B - 3 t	175	38	24	37	95	M16x2.0	Φ20	37
B - 5 t								
B - 7.5 t								
B - 10 t	190	50	24	48	92	M24x3.0	Φ26	48

### ● 規格 Specification

額定輸出 Rated Output	3.0mV / V ( B 10 ~ 200 : 2.0 m V / V )
總和誤差 Total Error	±0.05%R.O.
重現性 Repeatability	±0.03%R.O.
潛變 Creep	0.05% / 20min
輸入阻抗 Input Resistance	430 or 405 ± 25 Ω
輸出阻抗 Output Resistance	350 ± 5 Ω
最大輸入電源 Max. Excitation Voltage	20V
建議輸入電源 Recommended Excitation Voltage	10V
溫度補償範圍 Compensated Temp. Range	-10°C ~ 50°C
使用範圍 Safe Temp. Range	-20°C ~ 70°C
溫度對零點之影響 Temp. Effect on Zero Balance	0.05%R.O. / 10°C
溫度對額定輸出之影響 Temp. Effect on Rated Output	0.03% Load / 10°C
零點誤差 Zero Balance	±3%R.O.
容許負荷 Safe Over Load Rating	150%
導線長度 Cable Length	3m
接線方式 Cable Connection	Input : Red ( + ) Exci : Black ( - ) Exci Output : Green ( + ) Sign White ( - ) Sign