

SHAFT END LOADCELL

本型TO張力感測器，採用高敏感度樑式感應結構及軸端之安裝方式，使安裝更為容易並使力量感應達到最高之精度與敏感度，特別適用於自動化機械之張力量測及控制上，具以下之特點：

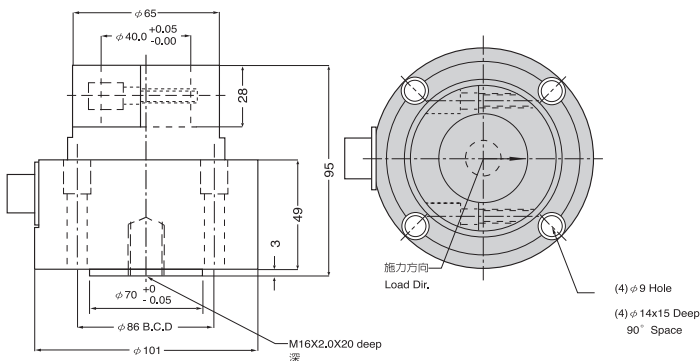
This shaft end tension loadcell use high sensitivity beam structure as sensing element. And tool steel material to increase overload capacity. End shaft mounting let it be easy install. Thus it is accurate and durable for used in tension force measurement and control process.



特點 Features

- 合金鋼本體 **Tool steel material**
- 安裝容易 **Easy install**
- 高精度 **Precision**
- **TO-10, 25, 50, 100, 200, 350, 500**

Installation Dimensions



Specification

額定輸出 Rated Output	1mV/V
總和誤差 Total Error	0.3% R.O.
重現性 Repeatability	0.2% R.O.
潛變 Creep	0.1%/20min
輸入阻抗 Input Resistance	405 \pm 25 Ω
輸出阻抗 Output Resistance	350 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 $^{\circ}$ C
使用範圍 Safe Temp.Range	-20~70 $^{\circ}$ C
溫度對零點之影響 Temp.Effect on Zero Balance	0.05%/10 $^{\circ}$ C
溫度對額定輸出之影響 Temp.Effect on Rated Output	0.03%/10 $^{\circ}$ C
零點誤差 Zero Balance	\pm 3% R.O.
容許負荷 Safe Overload Rating	300%
導線長度 Cable Length	3m
接線方式 Cable Connection	Input: Red(+) Black(-) Output: Green(+) White(-)