

無線鎖模力感測儀

Wireless Magnet Clamping Force Control Sensor

機器調適、生產和安全裝置、確保曲臂歌林柱不再超負載斷裂

Uniform Clamping Force without overloading Toggle or Tie Bars

型號 Type SML-WMEH / 8



特徵：

Characteristics :

- 用2個強力磁鐵快速安裝,不須連接線。
Quick and easy mounting with 2 supper magnets.
Wireless sensor without connecting cable.
- 手持式顯示器。
Handhold Monitor.
- 2個感測儀可進行彎曲補償量測。
2 sensors for bending compensated measurement.
- 適合任何歌林柱直徑。
Fit any tie bar diameter.
- 高解析度,1%精度。
High resolution,1% accuracy.
- 量測值直接讀取,不需計算或對照表,可讀取 $\mu\epsilon$, kN, ton單位。
Direct reading in $\mu\epsilon$, kN or ton without calculation or conversion list.

技術資料:

Technical Data:

應變片 Strain gauge	350 Ω
量測範圍 Measuring range	$\pm 800 \mu\epsilon$
感測器靈敏度(1/2 電橋補償) Sensitivity of sensor (1/2 bridge compensated)	1.0 mV/V @ F.S.
量測值線性誤差 Linearity	$< \pm 0.5\%$ F.S.
總精度 Over all accuracy	$\pm 0.5\%$ F.S.
重覆性 Repeatability	0.1% F.S.
遲滯現象 Hysteresis	$< \pm 0.5\%$ F.S.
操作環境溫度範圍 Operating temperature range	+0...+60 $^{\circ}\text{C}$
感測器尺寸 Sensor dimension	88 x 46.5 x 50 mm
電源供應電壓 Power supply	2 AA可充電鎳氫電池或鹼性或碳鋅電池 2 AA NiMH rechargeable or Alkaline battery

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