

磁附式鎖模力感測儀

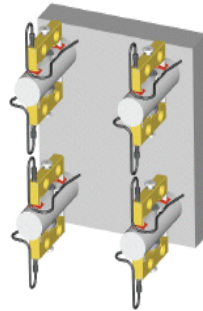
Magnet Clamping Force Control Sensor

機器安裝、生產和安全裝置, 確保曲臂歌林柱不再超負載
Uniform Clamping force without overloading Toggle or Tie Bars

型號 SML-ME / 8



- 避免歌林柱斷裂
Avoid tie bar broken.
- 保持模具和機器的平行度
Keep mold and machine aligned
- 延長模具和軸襯壽命
Extend die and bushing life.
- 減少模具的磨損和噴料
Less mold wear and flashing.
- 可重覆使用
Repeatable setup from run to run.



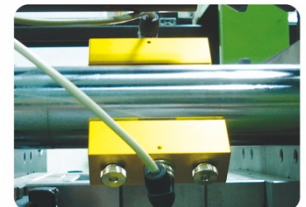
帶 8 個感測器, 對歌林柱進行彎曲補償自動測量。可以快速測試結果和直接顯示總鎖模力, 1% 精度。

With 8 sensors, the tie bar stretches in automatically measured bending compensated. This is for fastest results and direct total clamping force indication with 1% accuracy.

特徵:

Characteristics :

- 用2個強力磁鐵, 快速容易地安裝
Quick and easy mounting with 2 supper magnets
- 2個感測器可進行彎曲補償測量
2 sensors for bending compensated measurement.
- 適合任何歌林柱直徑
Fit any tie bar diameter.
- 高解析度精度 $\pm 1\%$ 精度
High resolution, 1% accuracy.
- 直接的量測值讀數, 不用計算或對照表, **DM4DB** 顯示器直接顯示 $\mu\epsilon$, kN 或 ton
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	< 0.5 %
總精度 Over all accuracy	$\pm 0.5 \%$ F.S.
重覆性 Repeatability	0.1% F.S.
遲滯現象 Hysteresis	0.1% F.S.
操作環境溫度範圍 Operating temperature range	+0...+60°C
感測器尺寸 Sensor dimension	88 x 31 x 30 (不含螺帽高度)
電源供應電壓 Power supply	110...220 VAC / 50-60Hz

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