



# 得豐實業有限公司

## Dfwisdom Industrial CO., LTD

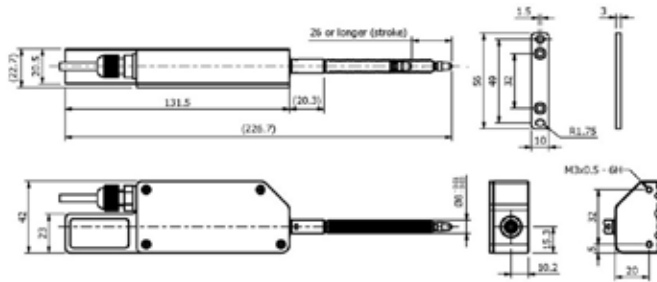
### LT-AA25 線性位移感測器 (LINEAR GAUGE)

量規

- 量測行程 25 mm
- 解析：20, 10, 5, 4  $\mu\text{m}$



#### DIMENSION



#### Specifications Model 規格 型號

LT-AA25-	<input type="text"/>	-	<input type="text"/>
Resolution		Electronics	
解析		電路特性	
20: 20 $\mu\text{m}$		L: Line Driver	
10: 10 $\mu\text{m}$		5Vdc	
05: 5 $\mu\text{m}$		H: Line Driver	
04: 4 $\mu\text{m}$		8 - 26Vdc	

#### ELECTRICAL SPEC 電器規格

Position Detection Method 檢測系統	Photoelectric Linear Encoder
Stroke (mm) 量測行程	25 mm
Standard Resolution ( $\mu\text{m}$ / pulse) 解析	20, 10, 5, 4 $\mu\text{m}$
Measuring Accuracy (at 25°C) 精度	5 $\mu\text{m}$
Quantizing Error 誤差	5 $\mu\text{m}$ $\pm$ 1 count
Response Speed 響應速度	120 mm / sec.
Electronics 電路特性	Line Driver
Power Supply 供應電源	DC 5 V / DC 8 - 26 V
Phase Different 相位差	A, B phase different, differential Square Wave

#### MECHANICAL SPEC 機械規格

Measuring Force-Contact Point 測量力	[ Upwards 朝上 ] 4N or less [ Horizontal 水平 ] 4.3N or less [ Downwards 朝下 ] 4.5N or less
Contact Point 探頭	$\varnothing$ 3 Carbide-Tipped (fixing Screw : M2.5x5)
Stem Diameter 固定桿徑	$\varnothing$ 8
Vibration 震動	1.5 mm peak-to-peak amplitude, 10 ~ 55 Hz 2hours each in X.Y.X 2 directions
Cable 電線	$\varnothing$ 4.5, 100 cm long
Weight 重量	< 260 g

#### ENVIRONMENTAL SPEC 環境規格

Operating Temp. / Humidity 操作溫度/濕度	0°C ~ 40°C
Storage Temp. 儲存溫度	-10°C ~ 55°C
Protection 保護等級	IP55 : Dust Proof
Mechanical Life Times 機械壽命	5 x 10 <sup>6</sup> cycles ( 3times / sec.