

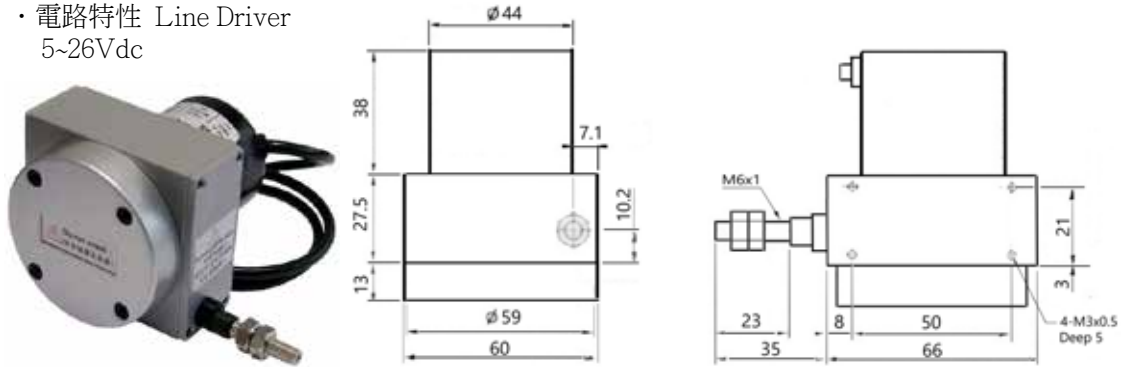


S-LS 拉線型高解析編碼器 High Resolution

內置乘法電路

- 行程 1000 mm
- 解析：0.02, 0.01, 0.008, 0.005 mm
- 電路特性 Line Driver
5~26Vdc

DIMENSION



ELECTRICAL SPEC 電器規格

| | |
|---|--|
| Detection System 檢測系統 | Incremental 增量型 |
| Output Wave 輸出波形 | Square Wave 方波 |
| Stroke (mm) 量測行程 | 1000 |
| Multiplication Resolution (mm / pulse) 倍頻解析 | 0.02 (2000 x 2), 0.01 (2000 x 4), 0.008 (2000 x 5), 0.005 (2000 x 8) |
| Accuracy Error 精度誤差 | ±0.1 % FS, ± 1 count |
| Output Phase 輸出相 | ABZ phase |
| Electronics 電路特性 | Line Driver 差動式 |
| Power Supply 供應電源 | DC 5 ~ 26V |
| Current Consumption 消耗電流 | ≤60mA (no load) |
| Output Capacity 輸出容量 | Sync. Current : 20mA, Residual Voltage : 0.5V or less |
| Max. Response 最大響應頻率 | Max. 150K Hz |
| Phase Different 相位差 | A, B phase different 90° ±45° (T/4±T/8), Z phase T±T/2 |
| Wave Form Rise / Fall 波形上下時間 | 1 μs or less |
| Polarity 極性保護 | Against Reverse Protection |

MECHANICAL SPEC 機械規格

| | |
|------------------------------|---|
| Wire Specification 線徑規格 | Material : SUS304 with nylon coating Diameter . 0.6 mm : Breaking load : 16 kg |
| Max. Travel Speed 最大往復速度 | 5.00 mm / sec. |
| Vibration 震動 | 10 ~ 55 Hz / 1.5 mm VPP. Max. 10 G |
| Shock 衝擊 | 50 g per 11 ms |
| Cable 電線 | ∅ 4.5, 1000 mm long |
| Weight 重量 | < 450g |
| Starting Torque on Spring 拉力 | Max. 700g |

ENVIRONMENTAL SPEC 環境規格

| | |
|-----------------------------------|---|
| Operating Temp./ Humidity 操作溫度/濕度 | 0°C ~ 60°C, RH 35 % ~ 90 % (No Condensation) |
| Storage Temp. 儲存溫度 | -20°C ~ 70°C |
| Protection 保護等級 | IP 50:Dust Proof |
| Life 壽命 | Typical > 1 x 10 ⁶ cycles |

Specifications Model 規格 型號

| | | | |
|-----------|--------------------------------|---------|----------------------|
| S-LS -10- | <input type="text"/> | A - H - | <input type="text"/> |
| | Multiplication Resolution 倍頻解析 | | Multiplication 倍數 |
| | 002 | | M02 |
| | 001 | | M04 |
| | 0008 | | M05 |
| | 0005 | | M08 |