

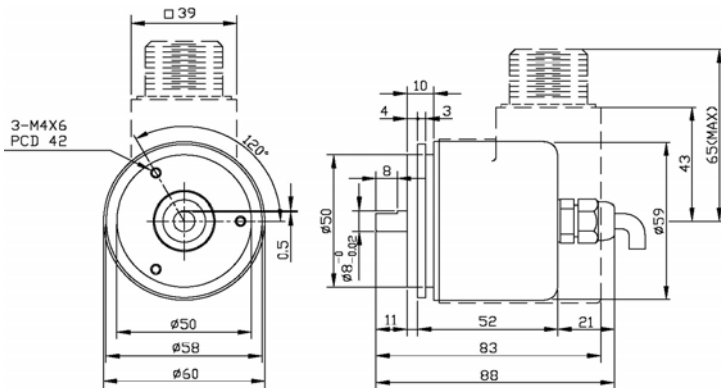
HTR-6D

ROTARY ENCODER HEAVY DUTY



- Heavy Duty
- Shaft Diameter 8 / 6(option) mm
- Push Pull, Line Driver
- DC 5~26V
- IP 64
- Cable Output (Standard)
- Connector Output (Option)

DIMENSION



ORDERING INFORMATION

| | | |
|----------|---|---|
| HTR-6D - | A - | |
| | PPR 解析 | Electronics 電路特性 |
| | | Male Connector 連接器 |
| | 5, 10, 20, 30, 40, 50, 60, 80, 100, 120, 150, 180, 200, 250, 300, 360, 400, 500, 600, 720, 800, 900, 1000, 1024, 1800, 2000, 2048, 2500, 3000, 3600, 4000, 4096, 5000 | P: Push Pull *R7: 7 pin *H: Line Driver *R10: 10 pin |

ELECTRICAL SPEC.

| | |
|--|---|
| Detection System | Incremental 增量型 |
| Output Wave 輸出波形 | Square Wave 方波 |
| Standard Number of Pulse Per Revolution 解析 | 5, 10, 20, 30, 40, 50, 60, 80, 100, 120, 150, 180, 200, 250, 300, 360, 400, 500, 600, 720, 800, 900, 1000, 1024, 1800, 2000, 2048, 2500, 3000, 3600, 4000, 4096, 5000 |
| Output Phase 輸出相 | ABZ phase |
| Electronics 電路特性 | Push Pull 推挽式, Line Driver 差動式 |
| Power Supply 供應電源 | DC 5~26V |
| Current Consumption 消耗電流 | ≤ 60 mA |
| Output Capacity 輸出容量 | Sync. Current: 20 mA, Residual Voltage: 0.5V or less |
| Max. Response 最大響應頻率 | 10K Hz ~ 100K 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 | 2 μs or less |
| Polarity 極性保護 | Against Reverse Protection |

MECHANICAL SPEC.

| | |
|--------------------------------|--|
| Shaft Diameter 軸徑 | 8 mm / 6 mm (option) |
| Shaft Loading 軸荷重 | (10 ~ 1000 PPR) Axial: 4 Kg, Radial: 8 Kg (over 1000 PPR) Axial: 2 Kg, Radial: 4 Kg |
| Starting Torque (at 25°C) 起動轉矩 | 260 gf-cm or less |
| Max. Speed 最大機械容許速度 | 6,000 rpm |
| Vibration 震動 | 10g (10±1,500 Hz) |
| Shock 衝擊 | 20g per 11 ms |
| Cable 電線 | Ø5.4, 100 cm long |
| Weight 重量 | ≤ 350g |

ENVIRONMENTAL SPEC.

| | |
|----------------------------|-------------------------------|
| Operating Temp. / Humidity | -10°C ~ 60°C, RH 35% ~ 90% |
| 操作溫度/濕度 | (No Condensation) |
| Storage Temp. 儲存溫度 | -20°C ~ 80°C |
| Protection 保護等級 | IP 64: dust & dripping proof |