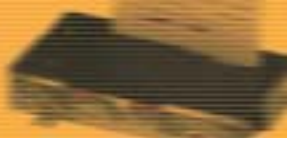


DP-400/410



F Features

- Very compact design
- Lightweight
- High-speed printing
- High reliability
- 2 color printing (black/red)
- 76mm paper width
- 42 columns
- 24V operation
- Graphic printing (DP-410)
- Sensor for paper auto loading
- Black mark sensor (option)

A Accessories

- Auto cutter: ACS-234
- Ink ribbon: IR-41
- Paper winder: AW-2FA

Paper roll



Type Classification

DP-410 D F

① ② ③

- ① Type
 - 400: 7 pin head
 - 410: 9 pin head
- ② Ribbon
 - D: 2 color
- ③ Paper feed method
 - F: Friction feed

Further Information

Auto Cutter

ACS-234
→ 33P

Specifications

Model	DP-400	DP-410
Printing method	Serial impact dot matrix	
Printing direction	Bi-directional	
Printing speed	Approx. 3 lines/sec.	
Number of columns	42 columns, 189 dots/line	
Font	7 × 7	7 × 9
Number of wires	7 pins	9 pins
Character size (W × H)	1.31 × 2.4mm	1.31 × 3.1mm
Character pitch	1.52mm	
Line spacing	4.23 or 2.82mm (1/6 or 1/9 inch) / Minimum 1.41mm (1/18 inch)	
Motor	Voltage: 24V ±5% V DC / Current: Peak Approx. 1A / Average less than 0.2A	
Reset pulse sensor	Photo interrupter	
Dot pulse sensor	Photo interrupter	
Home position sensor	Photo interrupter	
Paper out sensor	Photo interrupter	
Black mark sensor (option)	Photo interrupter	
Printing solenoid	Voltage: 24V ±5% V DC / Resistance: 17Ω (25°C)	
Printing feed solenoid	Voltage: 24V ±5% V DC / Resistance: 34Ω (25°C)	
Color change solenoid	Voltage: 24V ±5% V DC / Resistance: 34Ω (25°C)	
Connecting method	FFC or FPC cable	
Paper feed	Friction feed or sprocket feed	
Printing paper	Friction feed: 76 ±0.5 × ø83mm	
Copy	Friction feed: original + 1 copy	
Ink ribbon	Exclusive ink ribbon cartridge / 2 color (Black/red), black or purple	
Paper feed speed	Approx. 28 lines/sec.	
External dimensions (W × D × H)	120 × 90 × 45mm	
Weight	Approx. 470g	
Operating temp. range	0 ~ 50°C	
Storage temp. range	-20 ~ 70°C	
Reliability	Mechanism: MCBF 2.5 million lines / Head: 80 million characters	