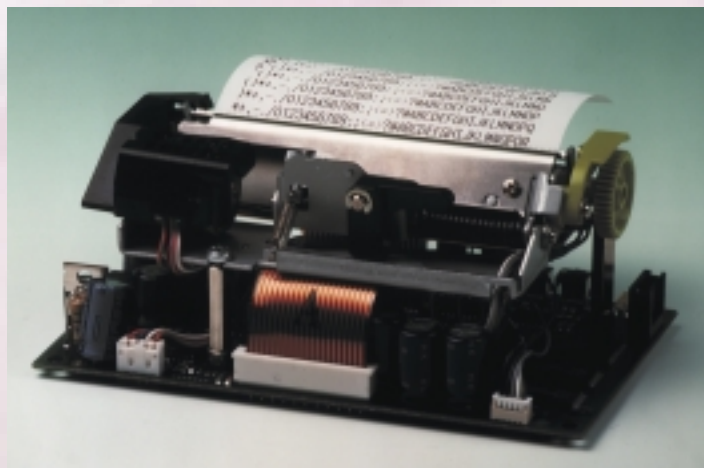


THERMAL PRINTING MODULE

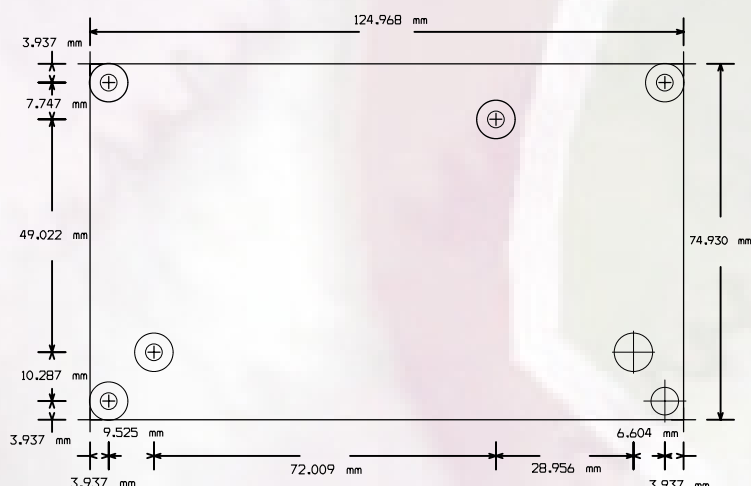
PM 8024

The PM8024 is a practical, user-friendly desk printer. It is equipped with a 200 dpi (8 dots/mm) thermal print mechanism and uses 60mm paper rolls. The PM8024 has a wide range of supplementary functions in addition to normal print functions:

- Serial interface RS232 and I 2 C bus.
- High speed printing: 60mm/sec.
- Easy paper changing (automatic paper loading).
- ESC/POS, CUSTOM DPT and CITIZEN emulation.
- Bar-codes: UPC-A, UPC-E, EAN13, EAN8, CODE39, ITF, CODABAR CODE93, CODE128 and CODE32.
- 7 standard and international character fonts.
- Entirely or partially programmable fonts.
- Double width-height, quadruple width-height, expanded print, italics rotated by 180°.
- 32 Kbyte reception buffer.
- Macro function definition for the automatic repetition of the operations.
- Internal programmable counter.
- Graphic mode.
- Print density.
- 3 programmable logotypes (448 x 585 points).



Overall Dimensions



TECHNICAL SPECIFICATIONS

Resolution	200 DPI (8 dot/mm)
Paper roll dimensions	Ø60 mm ± 0.5mm
Sensors	Paper out, head open, head temperature.
Print method	Thermal fixed head (8 dot/mm)
Print direction	Normal, 180°
Print formats	Normal, double and quadruple height and width, expanded, negative, underlined and script modes.
Character fonts	ASCII standard, EPSON â, International.
Standard interfaces	RS232 Serial/ I2C BUS
Baud rate	From 1200 to 38400 bps / 1-100KHz
Reception buffer	32 Kbyte
Flash memory	256 Kbyte
Graphic memory	Three 32-Kbyte logos each
Printing speed (dotline/sec)	520 (Speed/Quality=normal)
Power supply	24Vdc
Absorption	
Stand-by	0.1 A
Medium when printing	1.1 A
Peak	1.8 A
Environmental conditions	
Operating temperature	0°C - 45°C
Operating humidity	35% - 85% (no condensing)
Storage temperature / humidity	-20°C - +60°C / 10% - 90%

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