

PM-T8

Perfect for:

- › Integration Plant Engineering
- › Individual customized applications
- › Fast and accurate printing of 8 inch wide paper and labels

HIGHLIGHTS / FEATURES / SPECIAL ATTRIBUTES

- › Seamless integration into production lines
- › Laser- and Thermal printer compatible
- › High degree of freedom for programming
- › UHF RFID option available
- › SAP- and AS/400-compatible (through PCL5 + JetCAPS, LAN-IPDS)
- › Compatible with standard laser printers

MAXIMUM INTEGRATION INTO MACHINERY AND PLANT CONSTRUCTION FOR SEAMLESS PRODUCTION PROCESSES



PM-T8

The compact design eight inch print module from Microplex, supplies high stability and it comes with an embedded multi-intelligence controller that allows for seamless interfacing with a PLC on a production or packing line. In addition it can handle complex print data streams direct from the main frame. This enables professional configurability, synchronization and integration into many systems where high speed label or document printing is required. Microplex know how and years of industrial thermal printing experience has gone into the development of this module hence producing a solution that meets your requirements. The unit can work either with high-quality thermal or direct thermal printing. With the Microplex printing modules, you can realise the print requirement that your customer is looking for!

Print Engine:

Print technology	Thermal Transfer harmonic (history-controlled flat head technology)
Controller	MPC 5.4 with INTEL XScale PXA255 CPU (400-MHz-RISC-Prozessor)
Print speed	up to 150 mm/s up to 6 inch/s
Print resolution	300 dpi x 300 dpi
Lifetime print head	Transfer: up to 50.000 m Direct : up to 25.000 m
Power supply	AC 100 - 120, 200 - 240 V, 50/60 Hz
Power consumption	6,0A
Dimensions (WxDxH in mm)	370 x 170 x 205
Weight	7 kg (without options)
Environment temperature	5 - 35°C
Relative humidity	45 - 75 % (rel., non-condensing)
Interfaces	Serial: USB Parallel: IEEE 1284 (Centronics) LAN: Ethernet-Interface 10/100 MBit, bi-directional (TCP/IP) Optional: RS232, RS422
Memory	RAM: 128 MB Flash: 16 MB
Display (optional)	Monochrome control panel

MPC 5.4 High-End Print-Controller

Programmable GPIO-Interface (SPS-Control)

EMBEDDED INTELLIGENCE – Enabling two-way communication between printer and a PLC.
Integration of the printer into production lines is possible, controlled by GPIO-interface
Customer / Application specific modifications possible.

Status-Out

gives notice of each correctly printed page via interface

Emulations

MICROPLEX IDOL, AGFA Reno, LN03+, BULL-MP6090, Datamax (FGL), Etimark MP-1220, TEC Bx72, TEC B6xx, LDC, ZPL II, EPL2, UBI Fingerprint, IER Command, Godex EZPL, Diablo 630, IBM Proprinter, Epson FX-80, MT-600/MT40, IDS, ANSI Genicom, HP Designjet, XML (SAP RFID), CUPS Raster

Optional Emulations

Factory Option PCL 5e (cannot be retro fitted!), μ -Postscript, CODE-V (Magnum), XEROX XES, KODESCRIPT+, Prescribe/PSB 2, IGP-10, Datamax Labelpoint, TIFF, IPDS, cab, AEA, AFP, RFM,
(more emulations on request)

Barcodes

Codebar, Code39, MSI, PDF417, Interleaved 2/5, Interleaved 2/5 (3-Stroke Datalogic),
Interleaved 2/5 (3-Stroke Matrix), EAN-8, 13, 128, Add-On-Codes, Code11, Code93, Code 128, UPC-A, UPC-E

Optional Barcodes

Datamatrix, Maxi-Code, QR Code, Aztec-Code, USD-5 (more barcodes on request)

Additional functions

Intelligent barcode generation	on-the-fly in the printer
Format splitting	in several subformats by command
Optional functions	
Integrated form management	up to 12 MB flash for forms and fonts inside the printer

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Printable Media

Size	100 - 222 mm width printable width max. 219 mm
Paper thickness	0,14 mm - 0,25 mm
Thermal transfer ribbon	roll diameter max. 78 mm
Core diameter	1 inch / 25,4 mm
Ribbon length	max. 450 m
Coated side	outside
Ribbon width	max. 220 mm



Paper Path

Input

continuous
external from roll
external, e.g. fanfold
sensor for black mark and label gap (reflection and transmissive)

Output

Single: Tear-off, Job: Tear-off

Option RFID

Frequency Range

865.600-867.600 MHz (ETSI EN 302 208)

RF Power

programmable in 15 levels (1 dB step) from 9 dBm to 23 dBm (from 8 mW to 200 mW) conducted

Standard Protocols EPC C1 G2 / ISO18000-6C

Features read/write/verify (void)

Registration of antenna position

automatic (depending on antenna design)



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