microplex

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PM-T8

MAXIMUM INTEGRATION INTO MACHINERY AND PLANT CONSTRUCTION FOR SEAMLESS PRODUCTION PROCESSES

Compact, Modular and Highly Flexible

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
- Enabled for remote printer management software SOTI Connect

FIELD OF APPLICATION

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

PM-T8

Print Engine:

Print technology	Thermal Transfer harmonic (history-controlled flat head technology)
Controller	MPC 8.x
Print speed	up to 150 mm/s up to 6 inch/s
Print resolution	300 dpi x 300 dpi
Lifetime print head	up to 50.000 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	USB Ethernet-Interface 10/100 MBit, bi-directional (TCP/IP
Optional*	IEEE 1284 (Centronics) RS232, RS422
Memory	RAM: 256 MB Flash: 256 MB
Display (optional)	Monocrome control panel

MPC 8.x 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, IGP/PGL, Datamax, Etimark MP-1220, TEC Bx72, TEC B6xx, LDC, ZPL II, EPL2, Intermec Direct Protocol, IER Command, cab, Godex EZPL, Diablo 630, IBM Proprinter, Epson FX-80 (ESC/P), MT-600/MT40, IDS, ANSI Genicom, TIFF, HP Designjet, XML (SAP® RFID), CUPS Raster, PDF Direktdruck**

Optional Emulations
HP-PCL5/ HPGL, µ-Postscript, CODE-V (Magnum), XEROX XES, KODESCRIPT+, Prescribe/PSB 2, Labelpoint, IPDS, AEA (more emulations on request)

Barcodes
Codabar, 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 (Barcode 2)
Datamatrix, Maxi-Code, QR Code, Aztec-Code, USD-5 (more barcodes on request)

Additional functions

Network capabilities	authentication standard IEEE 802.1X
Intelligent barcode generation	on-the-fly in the printer
Format splitting	in several subformats by command

Optional functions

Integrated form management (RFM)	Forms and fonts can be stored in the flash memory and can be accessed when needed.
Remote Management Support	SOTI Connect (License necessary)

Printable Media

Size	3.9" - 8.7" (100 - 222 mm) width printable width max. 8.6" (219 mm)
Paper thickness	0.0055" - 0.01" (0.14 - 0.25 mm)
Thermal transfer ribbon	roll diameter max. 3.08" (78 mm)
Core diameter	1 inch / 25,4 mm
Ribbon length	max. 450 m
Coated side	outside
Ribbon width	max. 8.66" (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 v 3.1.1)
RF Power
programmable in 18 levels (1 dB step) from 10 dBm to 27 dBm (from 10 mW to 500 mW) conducted

Standard Protocols	EPC C1 G2 / ISO18000-63
Features	read/write/verify (void)

Registration of antenna position
automatic (depending on antenna design)

* Not all interface options can be activated at the same time.
** Only available from MPC 3.6, MPC 7.x and MPC 8.x

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