

SOLID T4

MICROPLEX®
Excellence in Print Technology

Applikations

- ... labels and tags
- ... from roll or leporello
- ... just-in-time or batch printing

Robust and intelligent for production and commissioning



■ EASY HANDLING
OF THE CONSUMABLES

■ ROBUST METAL CASE
Ideally suited for the rough
industrial daily routine

■ USB+ETHERNET AS
STANDARD EQUIPMENT

■ HIGH SPEED
BY NEAR-EDGE TECHNOLOGY

■ PROCESS INTEGRATION
VIA SPS-CONTROL

■ COMPATIBLE WITH LASER PRINTERS

■ SAP- AND AS/400-COMPATIBLE
Supports PCL5e+Jetcaps and LAN-IPDS

MICROPLEX
Printware AG
Panzerstraße 5
D-26316 Varel

Tel. +49.4451.9137.0
Fax +49.4451.81063
Email info@microplex.de

www.microplex.de

SOLID T4

Specifications

The SOLID T4 is a 4-inch thermal printer (optional 5 inch print width available) with a most robust design and thus suited for applications in the rough industrial environment. Easiest operation and the integrated intelligence guarantee a safe business. PCL5e makes the printer compatible with laser printers and optimal for SAP-applications, the fast first page enables print-on-demand applications.

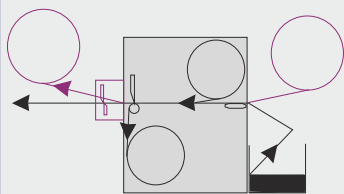
Print Engine

Print technology	Thermal transfer/direct thermal harmonic (history-controlled near-edge print head)	
Controller	MPC 5.3 with Intel XScale PXA 255 (400 MHz RISC processor)	
Print speed	up to 300 mm/s up to 12 inch/s	
Resolution	300 dpi x 300 dpi	
Lifetime print head	Transfer	up to 50.000 m
	Direct	up to 30.000 m
Power supply	110/230V Autoselect (250 W / 3,2 A)	
Dimensions (BxTxH in mm)	320 x 490 x 305	
Weight (without cutter)	18,5kg	
Environment	rel. h. (n.-kond.)	45 - 75 %
	temp.	5 - 35°C
Interfaces	Serial	USB, RS232/RS422
	Parallel	IEEE 1284
	LAN	Ethernet-Interface
		10/100 MBit, bi-direktional (TCP/IP)
Memory	RAM	64 MB
	Flash	16 MB

MPC 5.x High-End Print-Controller

Emulations	HP PCL 5e IBM Proprinter Epson FX-80 Datamax	MICROPLEX IDOL Diablo 630 ZPLII, EPL
Optional Emulations	Printronix IGP IGP, TIFF µ Postscript (more emulations on request)	Idol Barcode II IPDS Kyocera Prescribe II
1D-Barcodes	EAN 8, 13, 128, add on 2/5 3-stroke Datalogic 2/5 3-stroke Matrix Codabar, PDF 417 Royalbar, Planet	Jetcaps (HP/SAP) Code 39 128 MSI UPC A, E Postnet, KIX USPS One Code
Optional Barcodes	USD5 Aztec-Code	UPS-Maxicode Datamatrix (more Barcodes on request)
Funktionen	Intelligente Barcode-Generierung Der Barcode wird vom Print Controller "on-the-fly" generiert. Formatsplitting Der Drucker unterteilt eine Seite in mehrere Unterformate. Ribbon Safe Modus. Bei unbedruckten Passagen über 12mm wird der Druckkopf angehoben, um Ribbon zu sparen.	
Optional Functions	Status-Out Nach korrektem Druck einer Seite gibt der Drucker eine Quittung über die Schnittstelle aus. Integriertes Formularmanagement Im Drucker lassen sich Formulare und Fonts im bis zu 12 MB großen Flash ablegen und nach Bedarf aufrufen.	
	SPS-Control Einbinden des Druckers in Prozesslinien und Steuerung des Druckers via SPS-Schnittstelle.	

Paper Path



Feeder/Stacker

Input	continuous	internal from roll external, e.g. fanfold
Output	continuous	<i>option: external rewinder</i>
	single	tear-off <i>option: peel-off, cutter</i>
	job	tear-off <i>option: cutter</i>

Media

Size	width: 25,4 - 154 mm printable: 106 mm
	<i>5"-print width:</i> printable: 25,4 - 154 mm 128 mm
Weight	max. 240 g/m ²
Thickness	0.2 - 0.9 mm
Ribbon	roll diameter max. 90 mm core diameter 1 inch (25.4 mm) ribbon length max. 600 m coated site inside width 30 - 110 mm <i>5"-print width:</i> 30 - 132 mm

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