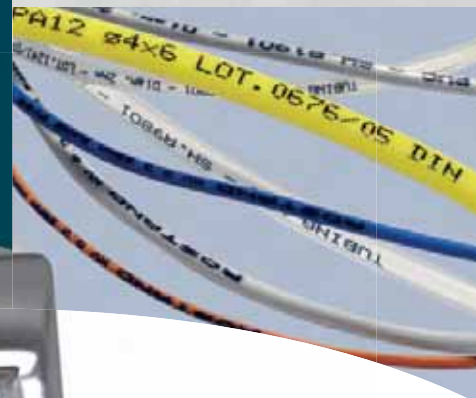


Z4500



small character

- ▶ Up to 4 lines with height range from 0.8 to 12 mm
- ▶ Very low consumption thanks to innovative vapour condenser
- ▶ Suitable for multiple shifts per day with no interruption for greater productivity
- ▶ Automatic visible double flushing with solvent recycling
- ▶ Advanced hydraulic system for quick and easy start up fitting production lines with long stops
- ▶ Wide range of inks (standard and pigmented) developed for several industrial requirements
- ▶ Ergonomic industrial cabinet AISI 304 with IP55 protection for use in nearly any arduous industrial environment



Technical Features

Z4500

Printing Characteristics

Up to 4 lines of print
 Characters height from 0.8 to 12 mm (0,032" - 0,47")
 Line speed capability: up to 320 mt/min (1050 ft/min)
 Print rate: up to 2136 ct/sec
 150 messages storage
 Up to 255 characters storage per message
 Selectable lines vertical gap
 Font Matrix: 5x5, 7x5, 9x7, 10x8, 16x10, 24x16
 Bold factor up to 8 times
 Simple Logo creation and printing
 50 Logos storage
 Automatic calendar and expiration date print
 Incrementing/decreasing product counters up to 9 digits
 Repeat print - message function
 Printing in all moving directions
 Tower print function (Text rotation of 90°)
 DIN print for cables sector
 Negative print function
 Print throw distance up to 90 mm (3,54")

Bar Codes

2/5 Industrial • UPC-A • CODE 39 • EAN 13 • CODE 128 (A,B,C)
 • EAN 128 (A,B,C) • 2D - Datamatrix • ITF (A,B,C)

Control Unit characteristics

Membrane keyboard solvent resistant
 Blue WYSIWYG Display with high contrast 240x128 pixels
 Stainless Steel structure AISI 304
 Protection IP55
 Conduit length: 2mt - 6,56ft (4mt - 13,1ft optional)

General Features

Single Start/Stop button
 Automatic cleaning in both Start up and Shut down
 Vapour recovery system for low make up consumption
 Advanced hydraulic system for quick and easy start up
 Print parameters stored within each message
 Keypad access with password
 User-friendly and intuitive operator interface
 Several foreign languages
 Report function for executed printing counter
 Messages storage with 8 digits alphanumeric text

Printhead

Stainless steel and aluminium structure hermetically sealed
 Micro Print Nozzle for high quality resolution print (optional)
 Auto-phasing of ink stream for consistent print quality
 Microjet nozzle cleaning function
 Wide range of standard, pigmented, food and MEK-free inks
 Conduit inlet at 90° (optional)
 Internal Supply Positive Air Function
 90° model for reduced/short spaces (optional)

External Connections

Serial connection RS232 and RS485/422
 Ethernet interface for LAN connection (optional)
 Sensor management for product reading
 System ready output
 Shaft Encoder input for variable speed production lines
 External alarm outputs with traffic light column
 Parallel interface BCD, double bit

Environment/Electrical requirements

Temperature: from 5° to 45°C (40°-113°F)
 Humidity: 10 - 90% (non-condensing)
 Single Phase, 85-240Vac, 50-60Hz, 200VA



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