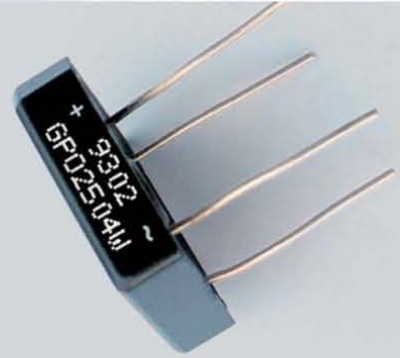


# Z5000Pi



small character

- ▶ High contrast coding with a range of coloured pigmented inks
- ▶ Automatic visible double flushing with solvent recycling
- ▶ Automatic ink mixing delivers consistent code quality and provides reliable performance
- ▶ Advanced Hydraulic system does not need factory air
  - ▶ Reduced consumption thanks to innovative vapour condenser
- ▶ IP65 protection for use in all arduous industrial environments



# Technical Features

# Z5000Pi

## Printing Characteristics

Up to 5 lines of print  
Characters height from 1 to 14 mm (0,04" - 0,56")  
Line speed capability: up to 320 mt/min (1050 ft/min)  
Print rate: up to 2136 ct/sec  
250 messages storage  
Up to 250 characters storage per message  
Selectable lines vertical gap  
Font Matrix: 5x5, 7x5, 9x7, 15x10, 16x10, 24x16 and 32x18  
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  
• UCC/EAN-128 • ITF (A,B,C) • 2D – Data Matrix

## Control Unit characteristics

Membrane keyboard solvent resistant  
Blue WYSIWYG Display with high contrast 240x128 pixels  
Stainless Steel structure AISI 304  
IP65 rating  
Conduit length: 4mt (13,1 ft)

## General Features

Single Start/Stop button  
Automatic cleaning in both Start up and Shut down  
Vapour recovery system for low make up consumption  
Automatic ink mixing delivers consistent code quality and contrast  
New hydraulic system for a quick and easy start-up  
Print parameters stored within each message  
Keypad access with password  
Operator selectable foreign language prompts  
Report function for executed printing counter  
Messages storage with alphanumeric text

## Printhead

Serviceable and replaceable  
Hermetically sealed printhead components  
Auto-phasing of ink stream for consistent print quality  
Dimensions: 227mm x 42 mm x 49 mm (9,0" x 1,7" x 1,9")  
Conduit inlet at 90° (optional)  
Internal Supply Positive Air Function

## External Connections

Serial connection RS232 and RS485/422  
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

## Environment/Electrical requirements

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



# BUSCH MACHINERY

Over 30 Years of Applications Expertise

800-840-9573 INTL 520-777-3360

EMAIL: [sales@busch-machinery.com](mailto:sales@busch-machinery.com)

WEBSITE: <http://busch-machinery.com>