

ModulPrint



large character



high definition

- ▶ Total package graphics with print head up to 190mm
- ▶ Unique performance in every kind of industrial environment
- ▶ Printing flexibility through the ability to mix both high and low resolution print heads in the same controller
- ▶ High contrast specialized Inks for bar code printing
- ▶ Intuitive programming in order to reduce code change times
- ▶ Serviceable and interchangeable stainless steel nozzle plates



Technical Features

ModulPrint

Printing characteristics

Modular management up to 16 printheads in high and low definition
 Up to 5 lines of print with high definition printhead
 Up to 6 lines of print with low definition printhead
 Characters height from 1,5 to 48 mm (0,06"-1,9") with printhead in high definition
 Characters height from 5 to 190 mm (0,2"-7,5") with printhead in low definition
 Line speed capability up to 180 mt/min (591 ft/min)
 Up to 100 messages storage
 Up to 250 characters per message with low definition printhead
 Up to 240 characters per message with high definition printhead
 Selectable lines vertical gap
 Font matrix with high definition printhead : 5x5, 7x5, 9x7, 15x10, 16x10, 32x18
 Font matrix with low definition printhead: 5x5, 7x5, 9x7, 10x8, 15x10, 16x10, 32x18, 48x30
 Logo editor
 26 logos storage
 Automatic date and expiry date multifunction
 Incrementing/decrementing product counters up to 9 digits
 Repeat print - message function
 Printing in all moving directions
 Tower print function (text rotation of 90 °)

Bar codes (high definition version)

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

Bar codes (low definition version)

2/5 Industrial • 2/5 Interleaved • CODE 39

Construction characteristics

Membrane keyboard solvent resistant
 Backlit graphics WYSIWYG display
 Stainless steel structure AISI 304
 Printhead-console distance: up to 10 mt (33 ft)

General features

Ability to store the printing parameters in each message
 Report function for executed printing counter
 Operator password access
 Operator interface with foreign languages

High definition printhead

High speed piezoelectric technology
 Horizontal resolution up to 200 dpi
 Vertical resolution up to 64 dpi
 Stainless steel unique nozzle plate AISI 316
 Serviceable and repairable nozzle plates
 Pigmented inks solvent free
 Innovative shock and vibration proof system
 Stainless steel structure AISI 304
 Dimensions printhead T96: 148 x 130 x 90 mm (5,8" x 5,1" x 3,5")
 Dimensions printhead T192: 148 x 125 x 110 mm (5,8" x 4,9" x 4,3")
 Dimensions printhead T352: 148 x 55 x 120 mm (5,8" x 2,1" x 4,7")

Low definition printhead

High speed solenoid technology
 Rapid drying solvent based high adhesion inks
 Stainless steel nozzle plate AISI 304
 Stainless steel structure AISI 304
 New purge system
 Dimensions printhead 7 dots: 230 x 80 x 45 mm (9,0" x 3,1" x 1,8")
 Dimensions printhead 16 dots: 230 x 80 x 85 mm (9,0" x 3,1" x 3,3")
 Dimensions printhead 32 dots: 230 x 80 x 154 mm (9,0" x 3,1" x 6,1")
 Dimensions printhead 48 dots: 230 x 80 x 215 mm (9,0" x 3,1" x 8,5")

External connections

Serial port: RS232, RS422 e RS485
 Optical sensor for product sensing
 Parallel interface for BCD input
 System ready output
 Encoder connection for variable speed production lines
 External alarm outputs with 3 lights column
 Scanner connection for bar code verification

Environment/electric requirements

Temperature: from 5° to 45°C (40° - 113°F)
 Humidity: 0 - 90% (non-condensing)
 Single Phase, 85 - 240 Vac, 50 - 60 Hz, 200 VA

