



## Main features

### Printing type



Barcode



Logos



Alphanumeric text

### Maximum height



0-15 mm



16-100 mm



Above 100 mm

### Printing surfaces



Primary packaging



Secondary packaging



Raw material

- ▶ High contrast coding both on flat, curves and irregular surfaces with special strong pigmented inks.
- ▶ Exclusive ink tank supply system with continuous and automatic ink agitation.
- ▶ Total ink circulation thanks to innovative NZP printheads.
- ▶ Long lasting coding in harsh environments.
- ▶ Suitable for tubes, sheets and beams of metal, pipes and bars made of plastic and various products made of rubber.

# MODULPRINT Pi

## TECHNICAL SPECIFICATIONS

### PRINTING CHARACTERISTICS

- Management of:
  - 1 32 dot printhead
  - 1 or 2 16 dot printhead
  - 1 or 2 7 dot printhead
- Up to 5 lines of print with 32 dot printhead
- Characters height from 5 to 120 mm (0,2"-4,7")
- Line speed capability up to 180 mt/min (591 ft/min)
- Up to 100 messages storage per printhead
- Up to 250 characters per message
- Selectable lines vertical gap
- Font matrix available:
  - 5x5, 7x5, 9x7, 15x10, 32x18
- Logo editor from keyboard
- Up to 26 logos storage
- Automatic date, time, offsets and expiry date multifunction
- Incrementing/decreasing alphanumeric product counter up to 9 digits
- Repeat print - message function
- Printing in all moving directions
- Tower print function (text rotation of 90 °)
- Coding throw distance up to 40 mm (1,57")

### 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

- Innovative software for automatic ink circulation
- Quick and easy start-up
- Ability to store the printing parameters in each message
- Report function for executed printing counter
- Operator password access
- Operator interface with foreign languages

### INK TANK SUPPLY SYSTEM CHARACTERISTICS

- Exclusive ink tank supply system for continuous ink circulation and agitation
- High-performance hydraulic circulating pump
- Stainless steel structure AISI 304
- Ink tank capacity: 12 lt
- Ink low level signal
- Dimensions: h. 950 mm x d. 346 mm (37,4" x 13,6")

### PRINthead

- High efficiency Solenoid technology
- High contrast coding with fast drying and high adhesion pigmented inks
- Stainless steel nozzle plate AISI 304
- Stainless steel structure AISI 304
- Teflon hydraulic connections
- Quick release hydraulic fitting (CPC)
- Product sensor with metric M12 connector
- Dimensions 7 dot printhead:
  - 230 mm x 80 mm x 45 mm (9,0" x 3,1" x 1,8")
- Dimensions 16 dot printhead:
  - 230 mm x 80 mm x 85 mm (9,0" x 3,1" x 3,3")
- Dimensions 32 dot printhead:
  - 230 mm x 80 mm x 154 mm (9,0" x 3,1" x 6,1")

### EXTERNAL CONNECTIONS

- Serial port: RS232, RS422 e RS485
- Sensor management for product reading
- Parallel interface for BCD input
- System ready output
- Encoder connection for variable speed production lines
- External alarm outputs

### ENVIRONMENT/ELECTRIC REQUIREMENTS

- Temperature: from 5° to 40°C (40° - 104°F)
- Humidity: 0 - 90% (non-condensing)
- Single Phase, 85 - 240 Vac, 50 - 60 Hz, 200 VA



Use a QR code reader to see the product page