WP 405 Data Sheet

Wire Processing

Positioned cable printing
for dye-based and light pigmented inks
WP 405 Specification

Print System
> Pump driven ink system for printing a wide variety of dye-based and light pigmented inks (incl. fast drying, alcohol-based, water-washable inks, etc.).
WP 405 for reliable and comfortable printing of all bright cables.

Print functions
> Positioned cable printing: text alignment at beginning/end, beginning/middle/end or completely free
> Positioning accuracy: ± 2 mm at 240 m/min
> 1 to 4 lines of text
> Wide variety of barcodes (EAN 13, BC 39, EAN 128, Code 128, 2/5i, UPC A, POSTNET)
> Symbols and logos
> ANSI and special characters
> Real time clock and calendar function in multiple formats, up to 4 per buffer
> Mirror print, character reverse, character inverse, double space, message reverse
> Standard matrices (5x5, 2x5x5, 3x5x5, 4x5x5, 7x5, 2x7x5, 3x7x5, 11x7, 2x11x7, 15x10, 23x15)
Speed-Print 5x5 und 7x5
> Vertical matrices (5x5, 2x5x5, 3x5x5, 4x5x5, 5x7, 2x5x7, 3x5x7, 4x5x7)
> Adjustable print height of 5 to 23 dots (1 - 12 mm)
> Adjustable print width
> Print settings: Stroke multiplication, print delay, print suppression, bi-directional print, free text positioning
> Up to 4 counters per buffer
> Printing speed of up to 800 m/min
> Switch to CS mode possible

Standard Equipment
> Stainless steel cabinet, with rating IP 54
> 1/4 VGA TFT colour display (WYSIWYG)
> Keyboard layout: European, US or Cyrillic
> User interface in many popular languages
> Integrated symbol & logo editor
> All print styles on board: standard, small, quality and high quality
> Text length displayed in mm/inch
> 16 MB memory for text, symbols and logos
> Flashcard for software updates
> External archiving and data management software
> Drop frequency/nozzle size: 64 kHz/75 µm or 84 kHz/60 µm
> Cylindrical automatic printhead allowing any printing position
> Flexible conduit, standard length: 3 m
> Printhead holder
> Interfaces for: RS-232, encoder, printgo, Ethernet (TCP/IP), 3 outputs for status requests (can also be configured as inputs)
> 2 tanks for ink and make-up (1 Litre, 1,25 Litre)
> Ink density control with automatic make-up dosage for constant print quality
> Print head with automatic ink closure system for secure start-stop behaviour
> Head cover with lens
> WP-Cable: Comfortable PC-based cable creation with variable text, counter, date or symbols at any position
> Archive and service module for data management, updates and support
> Preinstalled data base with cable symbols

Operating and environmental conditions
> Cutting knife signal input
> PC for WP-Cable software: WinXP, Vista, Win7
> Power supply: 100-240 V, 50-60 Hz, 100 W
> Environmental temperature: +5°C to +35°C
> Humidity: Up to 90% rH, non-condensing
> Dimensions in mm HxWxD = 630x418x325
> Required space in mm HxWxD = 630x700x325
> Weight: 26.4 kg

Options
Hardware
> Printhead, elbow, 0° or 90° orientation
> Head conduit, length: 4, 6, 8 m
> I/O 16/8 for additional functions
> Internal/External positive air pressure
> Indication light/indication light with buzzer (incl. connection)
> Connection for indication light
> Condenser

Software
> 2D Data Matrix Code
> Customer specific software

Accessories
> Please refer to the accessories catalogue for a complete listing of all accessories for WP 405.

Your local Wiedenbach distributor: