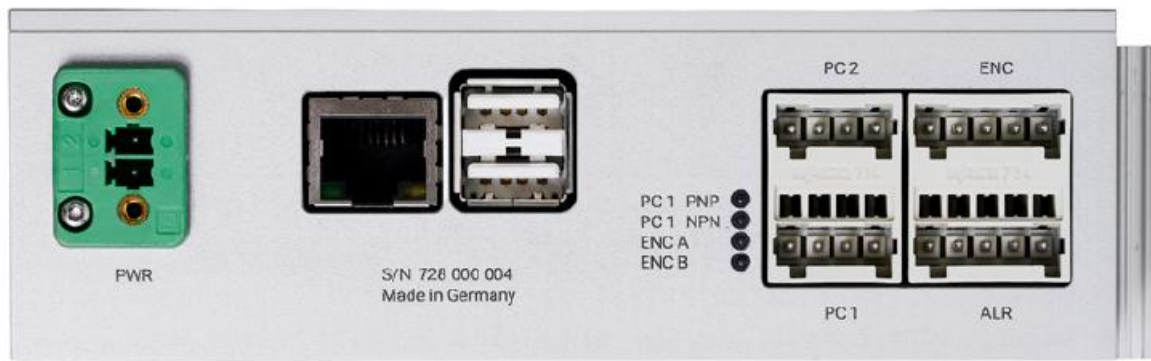




in-line Pro OEM.

Seamless integration without compromise.

Compact control unit

The edding in-line Pro OEM is the compact control unit for the tried-and-tested in-line Pro printing system, designed for seamless integration into control cabinets and modern packaging and production lines. Operation takes place directly via the system's HMI or an existing web interface, without the need for a separate printer display.

The electronic connections are designed specifically for modern control cabinet technology: robust, compact and easy to wire.

The system can be fully integrated into existing plants and IT infrastructures via industrial interfaces. True Industry 4.0 in practice.

The OEM Controller replaces the display of the edding control unit. The interface is opened on the HMI via any browser. The high print performance is identical to that of the in-line Pro: up to 78 prints per second, 600 dpi resolution and up to 100 mm print height.



Key features

- Control cabinet integration via DIN top-hat rail – compact dimensions (135 × 147 × 43 mm)
- Integration via MQTT, OPC UA, HTTP or TCP – no additional display required
- Choice of different ink types and colours for almost every material
- IronLock + cartridge lock for precise hold of the cartridge even with strong vibrations
- Up to 100 mm print height (depending on type and number of print heads)
- Unique print speed of up to 78 prints per second
- High-resolution 600 dpi print for sharp and accurate print results
- Made in Germany & 24 month guarantee (excluding consumables)

in-line Pro OEM.

Technical specifications.

Print system

Printing process

High-Res TIJ (Thermal Inkjet) print technology up to 600 dpi

Print height

Full-surface printing with up to 100 mm print height (with full extension with 4 heads at 25.4 mm)

Print speed

- 240 m (787 feet) per minute maximum print speed
- Up to 78 prints per second

Print distance

Print distance to surface of up to 8 mm (0.3"), 16 mm (0.6") with SP25 ink

Print surfaces

Extensive ink portfolio for almost all materials and surfaces in multiple colors

Print options

Alphanumeric characters and logos, date/time, counter, batch/box number, 1D and 2D barcodes

Memory capacity

Internal memory for over 100,000 texts and logos

Connectivity

- Ethernet connection RJ 45 incl. DHCP
- Communication interfaces via MQTT, OPC UA, HTTP request and TCP-Server
- Web server for access from every workstation
- Prebuilt program code for Siemens PLC control
- App for iOS and Android

User interface

- Intuitive user interface with genuine WYSIWYG print preview
- Automatic wizards for printer setup
- Graphic instructions for installation and maintenance in printer display

Input devices

System HMI, on-screen keyboard, wireless keyboard, any tablet, smartphone or PC, app for Android/iOS

Input / Output

- Four connectors for print head, specific industry connectors for encoder, alarm, relay and photoelectric cells 1 and 2
- Two inputs for photoelectric cell as Multi-IO: Reset product counter, increase product counter, change print direction, start/stop print, etc.
- Two high-speed USB 2.0 inputs

Language selection

Danish, Dutch, English, French, German, Italian, Korean, Portuguese, Romanian, Serbian, Spanish, Thai, Turkish, Simplified Arabic, Chinese, Polish, Russian

Housing / Structure

- Very robust and impact-resistant aluminum housing
- Stainless steel deflector on the front of the printer for food environments
- Print head and control unit separated (up to 4 heads per control unit)
- 2.6 m connection cable length between print head and control unit

Power supply

AC 100–240 V, 50/60 Hz, 5.0 A, automatic changeover

Dimensions (L/W/H)

135 × 147 × 43 mm (control unit), 237 × 53 × 67 mm (1" print head)

Weight

1.0 kg (control unit), 0.4 kg (1" print head) – without ink cartridge

Operating environment

5–40 °C (41–104 °F) at 10–90% humidity (non-condensing)

Quality

Made in Germany

Scope of delivery

- edding in-line Pro OEM control unit, USB stick, PCB connector, four pin headers
- Per printhead: 12 mm or 25 mm print height
- Complete mounting material: stainless steel rods in lengths 20, 25 and 35 cm, two cross clamps, one base clamp, one printer clamp, hex wrench and screws

Additional accessory

- Encoder set
- Photoelectric cell set
- Alarm set

Guarantee

- 24 months (except consumable)