



# in-line 12

## Compact, reliable and cost-effective

The edding in-line 12 offers a unique communication capability that no industrial printer has ever shown before. Fitting seamlessly into any production line, the in-line-12 can be fully integrated into the network via its numerous inputs and outputs, able to communicate with upstream and downstream machines.

The compact printer also delivers superior reliability due to its robust aluminium casing and high quality, German design and manufacture. All this leads to increased production efficiency and elimination of incorrect and non-coding.

Thanks to edding's ink expertise, high-resolution printing (600 dpi) with different ink types and colours is possible on almost any material; including cardboard, plastic, glass and metal.

Especially suitable for users looking for an extremely reliable, efficient, error-free and environmentally friendly cost control labeling solution.

More details on [elried.de](http://elried.de)



Choice of different ink types and colours for almost every material



Installation & commissioning within minutes



Automatic cartridge reorder service on request



Maximum operating time, since neither maintenance nor technical support is necessary



Input via precise touch screen, wireless keyboard, tablet, smartphone or PC



High-resolution 600 dpi print for sharp and accurate print results



Ethernet including SNMT to ensure the connection to ERP systems



Made in Germany & 24 month guarantee (excluding consumables)



# in-line 12

## Technical specifications

	<b>Print system</b>
<b>Printing process</b>	<ul style="list-style-type: none"> <li>• High-Res TIJ (Thermal Inkjet) print technology with 600 dpi</li> <li>• Print distance to surface of up to 8 mm (0.3")</li> </ul>
<b>Print height</b>	<ul style="list-style-type: none"> <li>• Up to 11 lines, between 1,0 and 12,7 mm (0,5 inch)</li> </ul>
<b>Print speed</b>	<ul style="list-style-type: none"> <li>• 76 m (249 feet) per minute with horizontal resolution of 300 dpi, higher speeds with lower resolution</li> </ul>
<b>Print surfaces</b>	<ul style="list-style-type: none"> <li>• Extensive ink portfolio for almost all materials and surfaces in several colours</li> </ul>
<b>Print options</b>	<ul style="list-style-type: none"> <li>• Alphanumeric characters and logos, date/time, counter, batch/box number, 1D and 2D barcodes</li> </ul>
<b>Memory capacity</b>	<ul style="list-style-type: none"> <li>• Internal memory for over 100,000 texts and logos</li> </ul>
<b>Connectivity</b>	<ul style="list-style-type: none"> <li>• RJ 45 Ethernet connection with DHCP</li> <li>• Communication interfaces via MQTT, OPC UA, http request and TCP-Server</li> <li>• Web server for access from every workstation</li> <li>• SMTP for automatic reorder of new cartridges by the printer on request</li> </ul>
<b>User interface</b>	<ul style="list-style-type: none"> <li>• Intuitive user interface with genuine WYSIWYG print preview, automatic wizards for printer setup and graphic instructions for installation and maintenance in printer display</li> </ul>
<b>Input devices</b>	<ul style="list-style-type: none"> <li>• Wireless compact keyboard (included in scope of delivery), any tablet, smartphone or PC</li> </ul>
<b>Display</b>	<ul style="list-style-type: none"> <li>• Capacitive 4,3 inch colour LCD touchscreen with LED technology</li> </ul>
<b>6 LED displays</b>	<ul style="list-style-type: none"> <li>• ON/OFF, print, low ink level, alarm, print direction right/left</li> </ul>
<b>Input / Output</b>	<ul style="list-style-type: none"> <li>• Specific industry connection for encoder, alarm, relay and photoelectric cells 1 &amp; 2</li> <li>• Photoelectric cell 2 input can be used as multi-IO: Reset product counter, increase product counter, change print direction, start/stop print, etc.</li> <li>• 2 USB high-speed 2.0 inputs</li> </ul>
<b>Language selection</b>	<ul style="list-style-type: none"> <li>• German, English, Spanish, Russia, Turkish, Portuguese, simplified Chinese</li> </ul>
<b>Housing / Structure</b>	<ul style="list-style-type: none"> <li>• Very robust and impact-resistant aluminum housing</li> <li>• Stainless steel deflector on the front of the printer for food environments</li> <li>• 4-in-1 sandwich-design (controller, screen, print head and ink cartridge)</li> <li>• Independent unit, can be used without PC</li> </ul>
<b>Power supply</b>	<ul style="list-style-type: none"> <li>• AC 100-240 V, 50/60 Hz, 1,6 A, automatic changeover</li> </ul>
<b>Dimensions (L/W/H)</b>	<ul style="list-style-type: none"> <li>• 123,5 x 77,2 x 83,0 mm</li> </ul>
<b>Weight</b>	<ul style="list-style-type: none"> <li>• 0,6 kg - without cartridge and holder</li> </ul>
<b>Operating environment</b>	<ul style="list-style-type: none"> <li>• 5-40 °C (41-104 °F) at 10-90% humidity (non-condensing)</li> </ul>
<b>Quality</b>	<ul style="list-style-type: none"> <li>• Made in Germany</li> </ul>

### Scope of delivery

- edding in-line 12 print system, wireless keyboard, edding 8850 hole marker, power supply unit 110-240 V, grounding cable, hex wrench and screws
- Attachment material: stainless steel rods in lengths 20, 25 and 35 cm, two cross clamps and a base clamp for attachment to the production line.

### Additional accessory

- |                               |   |
|-------------------------------|---|
| <b>Encoder set</b>            | <ul style="list-style-type: none"> <li>• High print quality at changing conveyor speed</li> </ul>               |
| <b>Photoelectric cell set</b> | <ul style="list-style-type: none"> <li>• Reliable and precise activation at unusual product forms</li> </ul>    |
| <b>Alarm set</b>              | <ul style="list-style-type: none"> <li>• Red, yellow and green signals indicate the operating status</li> </ul> |

### Guarantee

- 24 months (except consumable)