



NEW

WÜRTH Industrie Service

DE | EN

iPLACER®

An innovative application for RFID technology

iPLACER® – INNOVATIVE. DIRECT. TRANSPARENT.

Factories are currently undergoing a period of change – digitalisation is on the rise and is challenging industrial companies to keep pace with developments. These ambitious goals can only be achieved using innovative solutions.

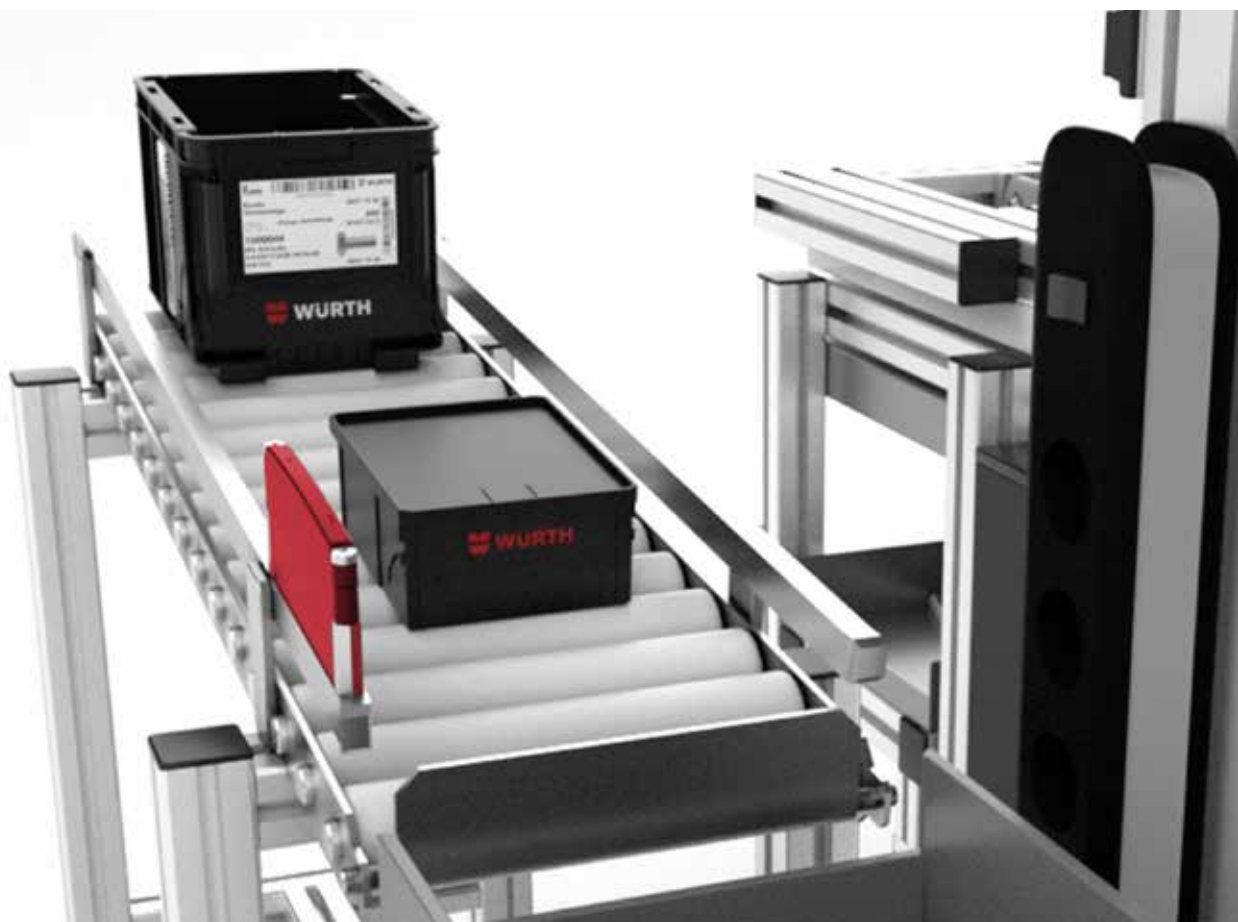
RFID technology has been a proven means of mapping the flow of goods within a company in a more transparent way for a number of years. Würth Industrie Service started using RFID-based rack systems for its C-Parts management around 10 years ago. Today, this technology is used as standard.

EXPANDING THE SYSTEM LANDSCAPE – THE iPLACER®

The iPLACER® is a small, handy, battery-operated module with an integrated reader and transmitter unit. Using this device makes it possible to automate the process of reordering C-Parts as part of the production process.

Thanks to its compact design, the device is easy to attach virtually anywhere, ensuring transparency and controlled replenishment of products both directly at the workstation and at a flow rack.

With this product, RFID technology is used not only as an ordering system, but also as a stock management system for the very first time.



NEW

FUNCTIONS AND APPLICATIONS

1 iPLACER® WP – an ordering system for use directly at the workstation

With this particular application, the iPLACER® WP (Workplace) is installed directly at the workstation. Using the RFID tags that are fitted as standard on all Würth W-KLT® 2.0 small load carriers and Würth W-KLT® 2.0 XS/S small-sized bins, an order is triggered as soon as an empty bin passes the "drop-off point". The bins are then collected in a box and emptied by a service employee with the next delivery cycle.

2 iPLACER® OP – an autonomous, independent ordering system

Thanks to its compact design, the iPLACER® OP (Order Point) is mobile and can be fitted anywhere, giving a high level of flexibility. Empty bins or Kanban cards equipped with an RFID tag are moved past the iPLACER® module and recorded on the order. In this way, the module can be used anywhere it may be needed – in production, at the workstation or as part of assembly, logistics and intralogistics processes.

3 iPLACER® FR – a replenishment management system in the flow rack

As well as functioning as an ordering system to ensure the fully automated transfer of data, the iPLACER® FR (Flow Rack) can now also be used as a means of managing stock levels for the first time. By attaching two iPLACER® modules to a flow rack – even existing, customer-specific racks – goods receipt and shipment processes, postings and bookings can be recorded and orders triggered with no manual effort required. This gives customers complete transparency over their stock levels in production, while also offering an intelligent approach to replenishment management. Requirements can be reported for each rack and position.

NEW

BENEFITS AT A GLANCE

The iPLACER® has been adapted to the needs of the market:

- One system for different applications
- Automated order triggering
- Early recognition of fluctuations in demand
- Flexible options for mounting – in production, at the workstation or as part of assembly processes
- Optimum use of space; no additional space required
- Seamless integration into the existing system landscape
- Autonomous, independent system
- Wireless system
- Can be used with any size of container
- Quick to install without changing existing processes
- Simple means of mapping intralogistics processes

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