

IDENTIFICATION SYSTEMS

Identification systems are used for object identification in logistics and provide the first step in cost optimization and quality improvement: automating production processes, reducing throughput times, quality control, and flexible in project planning and production.

RFID IDENTIFICATION

The brand name **IDENTControl** represents an innovative identification system that uses a standardized operating concept to bring together all RFID frequencies. The identification system consists of an **IDENTControl** control interface with a fieldbus interface, inductive R/W heads (125 kHz, 250 kHz and 13.56 MHz) or microwave antennas (2.45 GHz) and the accompanying read only and read/write tags.

- Metal housing for field or switching cabinet use (IP67)
- Connection of up to four inductive read/write heads or microwave antennas
- Interfaces: PROFIBUS, ProfiNet, INTERBUS, EtherNet/IP, Modbus/TCP, TCP/IP, DeviceNet and serial
- All connections are quick disconnect

IDENTControl



Serial



DeviceNet™

INDUCTIVE SYSTEMS

- RFID handhelds programmable on application-specific basis
- Inductive read/write heads in block-shaped and cylindrical housings
- Robust and battery-free data carriers in the most versatile designs and versions, e.g. in protection category IP69, as a high-temperature carrier (up to 300 °C for 5 min.) or with 8 kByte memory size
- Range up to 40 cm

BARCODE

Barcode systems scan barcodes and forward the information via PROFIBUS to a control system. Scanning is based on the reflection principle of a laser. The compact readers are available for close ranges and for distances up to 60 cm – at 1200 scans per second. Generally, barcodes are a fixed code system with minimum costs for the code carrier

UHF SYSTEMS

- UHF antenna with a read/write distance of up to 6 m and a M12 quick disconnect
- Robust data carrier

