



RFID Division

Hardware | Reader
RFID Reader
Series HF20

RFID Reader „CheckABag“

13.56 MHz



Ready
for
RFID ?

* Radio Frequency IDentification

- Check-in of soiled garment inside of the delivery bags
- Detection of up to 100 garments simultaneously
- Identification of wet garments
- Ethernet connection



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Integrated radio chips identifying the various articles of washing open up unimaginable potentials for optimisation of laundry workflows.

Each piece of clothing is equipped with a small robust transponder. Containing a unique, keyed ID code, these transponders form the basis for automated identification of linen. Readers capture and read previously stored information without requiring a line of sight or physical contact with the particular piece of clothing.

The incoming laundry bags are put into

the reader for a few seconds. A cleverly engineered antenna solution then safely and automatically senses all pieces of washing in a bag, requiring no manpower to examine and pick up the dirty laundry any longer and considerably reducing the risk of operator exposure to potential germ pockets.

The recorded data are provided via Ethernet.

Find more information at
www.laundry-ident.com.

Part number

THG-E1ML-LAU-010

Technical data

Protocol	ASC-II via Ethernet
Interface	Ethernet 10baseT
Matching transponder types	HF ISO15693
Reading performance	150 transponders per maximum 30 seconds (display limited to 99 transponders)
Dimensions	Inner diameter 45 cm 17.7 in., height 80 cm 31.5 in.
Operating temperature	0°C to +50°C 32°F to 122°F
Storage temperature	-20°C to +70°C -13°F to 158°F
Permissible humidity	25% to 80%
Housing	PVC
Voltage	230 V AC

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