

HF reader for combo applications

Supports HF/LF or HF/LF/UHF reading systems

R-HF-LR1002-FG-TCBO



Product info

- Powerful reader for a wide range of applications
- Adjustable duty cycle for Combo solutions
- Optimal cost-performance ratio
- RS232 output interface
- Anticollision RSSI (for multiple items)
- 4 different reader modes

Product Description

The R-HF-LR1002-FG-TCBO is suitable to be used in application fields like industrial laundry, in sorting systems and production lines. The reader is designed for applications where garments are equipped with a mixed population of transponders (LF/HF or UHF/LF/HF) and the two or three reading technologies need to be combined.

The HF Long Range Reader identifies transponders according to ISO 15693 and HF Gen 2 with an operating frequency of 13.56 MHz. The applications for this product are either the Combo HF/LF or Triple Combo HF/LF/UHF, in combination with R-IN7500 LF/SR and/or R-UHF-SR220. The combination of powerful device and low-price leads to an optimal cost-performance ratio.

HF reader for HF/LF or HF/LF/UHF applications

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Technical data

Dimension of the reader (L x W x H)	255 x 135 x 65 mm (10.04" x 5,31" x 2,56")
Weight	approx. 1.1 kg
Operating Temperature	-25°C up to +55°C (-13°F up to +131°F)
Storage Temperature	-25 °C up to +85 °C (-13°F up to +185°F)
Relative humidity	5 % up to 80 % (non-condensing)
Supported transponder	Supported transponder ISO 18000-3 MODE 1 + MODE 3 (ISO 15693 & HF Gen2)
Operating frequency	13.56 MHz
Transmitting power	4 W
I/O	1 optocoupler Input (24V DC) / 1 relay output (24V 1A)
Power supply	24V DC
Power consumption	Max. 16VA
Antenna Connector	1x SMA connector (50 Ohm)
Interfaces	RS232
Warranty	1 year

Ordering information

R-HF-LR1002-FG-TCBO	800 3075-822
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