

HF reader

Supports HF or HF/UHF combo reading systems

R-HF-LR1002-FG-L & R-HF-LR1002-FG-L-PLUS



Product info

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

Product Description

The R-HF-LR1002-FG-L & R-HF-LR1002-FG-L-PLUS are suitable to be used in application fields like industrial laundry, in sorting systems and production lines. The HF Long Range Reader identifies transponders according to ISO 15693 and HF Gen 2 with an operating frequency of 13.56 MHz and is designed for applications where garments are equipped with HF only or a mixed population HF/UHF transponders.

HF reader for HF or HF/UHF applications

R-HF-LR1002-FG-L & R-HF-LR1002-FG-L-PLUS

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	2 W - R-HF-LR1002-FG-L 4 W - R-HF-LR1002-FG-L-PLUS
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-L	800 3075-833
R-HF-LR1002-FG-L-PLUS	800 3075-834

Optional accessories

P-UHF-CBO	800 3075-967	Combo cable for combo HF/UHF applications.
A-CAB HF 7.2	400 5009-348	7.2 meters extension antenna cable.

