



Transponder

Ha-VIS RFID FT 89 light (NT)

Features

- Global use possible thanks to wideband antenna design
- High readranges
- Scratch- and smudge-resistant by polyester film (50 µm thickness)
- Washable, resistant to chemicals
- Flexible mounting on different forms
- Glueable
- Flexible printing possible (barcode, datamatrix, custom logo / name)

General description

- Applications on non-conducting surfaces
- Plastic container detection
- Container management
- Asset management
- Intralogistic
- EPC C1 Gen2 compatible
- Read range (on air, 2 W ERP): up to 11 m

Identification

Part number

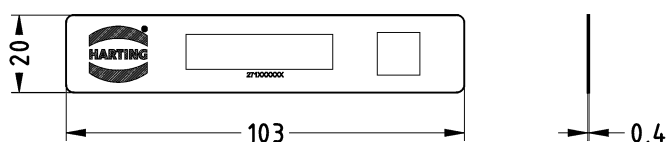
Drawing

Dimensions in mm

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Packaging unit: 500 pieces

20 92 641 0713



Technical characteristics

Frequency range	860 ... 930 MHz,	global use
Protocol	EPC Class 1 Gen 2	
EPC / User Memory (Chip)	96 Bit / 512 Bit	(Alien Squiggle Higgs 3)

Temperature range

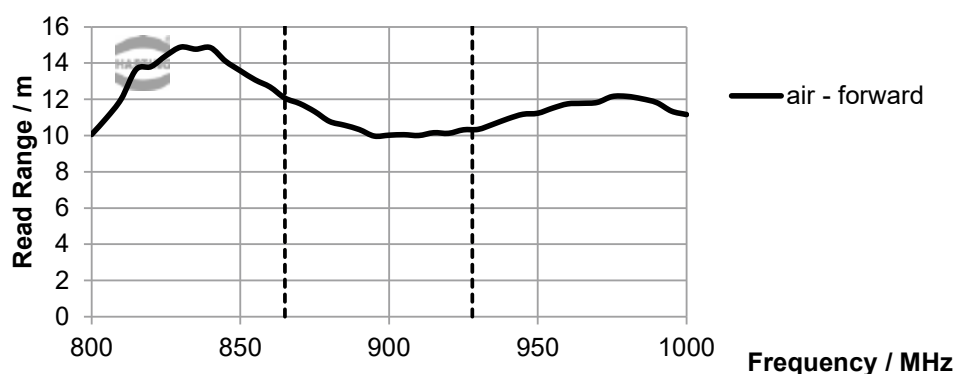
Function	-32°C ... +90 °C
Storage	-32°C ... +90 °C

Housing

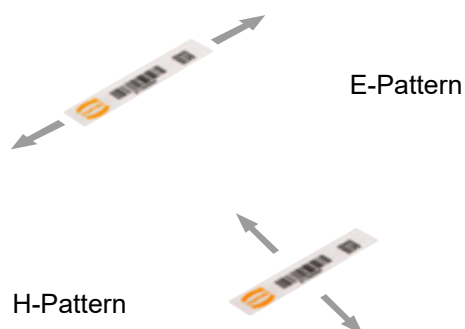
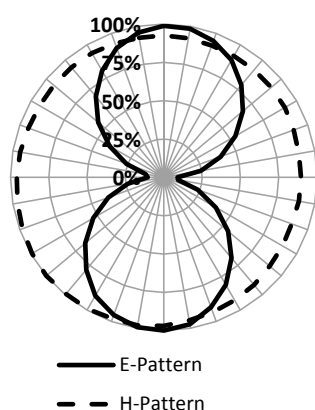
Dimensions (W x D x H)	103 x 20 x 0.4 mm
Protection class	IP64 / IP67 / IP69K
Mounting	glue
Colour	white / flexible

Measurements

Read Range / Radiation Pattern



Theoretical Read Range measured in free field conditions (radiated power – 2 W ERP).



The general Shape of the Radiation Pattern remains the same, regardless of:

- 868 MHz or 915 MHz



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