



Transponder  
Ha-VIS RFID FT 89 small (NT)

## Advantages

- Global use possible thanks to wideband antenna design
- High read ranges, in relation to the housing dimension
- Scratch- and smudge-resistant by polycarbonate film
- Washable, resistant to chemicals
- Flexible mounting on different forms
- Flexible printing possible (barcode, datamatrix, custom logo / name)

## General Description

- Applications on non-conducting surfaces
- Plastic container detection
- Container management
- Asset management
- Intralogistic
- Small size
- EPC C1 Gen2 compatible
- Read range (on air, 2 W ERP): > 4 m

Identification

Part number

Drawing

Dimensions in mm

Ha-VIS RFID FT 89 small (NT)

Packaging unit:

50 piece

20 92 641 0802

500 piece

20 92 641 0803



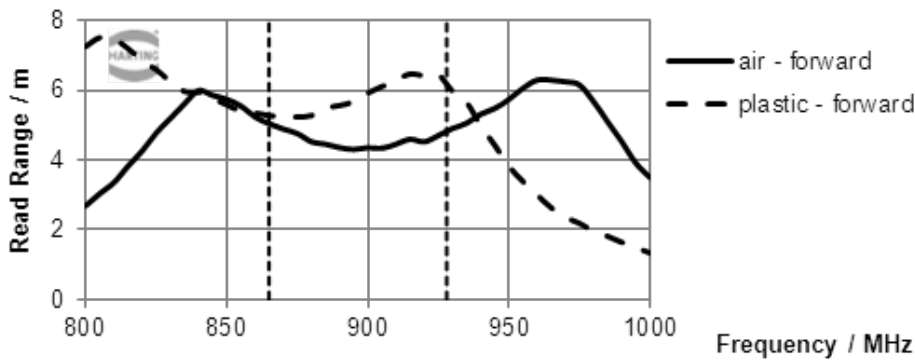
All data represent the current state of development at the time of print and are therefore non-binding.  
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Technical characteristics

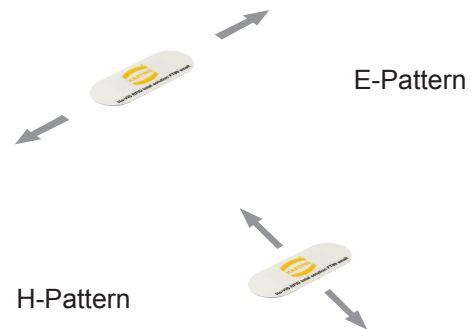
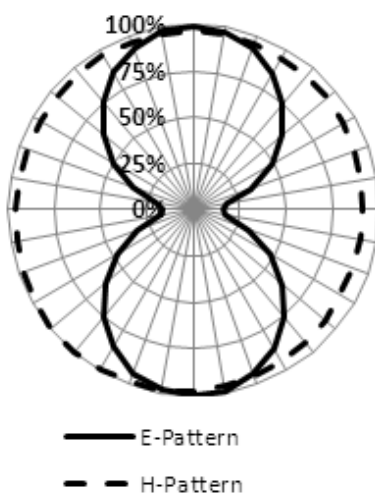
<b>Frequency range</b>	860 ... 930 MHz	global use
<b>Protocol</b>	EPC Class 1 Gen 2	
<b>EPC / User Memory (Chip)</b>	96 Bit / 512 Bit	(Alien Squig Higgs 3)
<b>Temperature range</b>	Function Storage	-32 °C ... +90 °C -32 °C ... +90 °C
<b>Housing</b>	Size (W x D x H) Protection class Mounting Colour	74 x 29 x 0.7 mm IP 64 / IP 67 / IP 69K glue 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 910 MHz

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