



Transponder
Ha-VIS RFID FT 89 (NT)

Advantages

- Global use possible thanks to wideband antenna design
- Scratch- and smudge-resistant by polycarbonate film
- Washable, resistant to chemicals
- Flexible mounting on different forms
- Glueable / screwable
- 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): > 7 m

Identification	Part number	Drawing	Dimensions in mm
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Packaging unit:

50 piece	20 92 641 0702
500 piece	20 92 641 0703



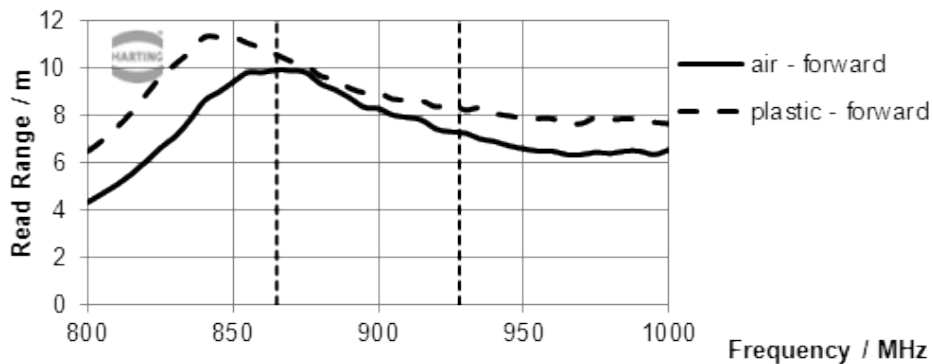
All data represent the current state of development at the time of print and are therefore non-binding.
HARTING reserves the right to modify designs without prior notice.

Technical characteristics

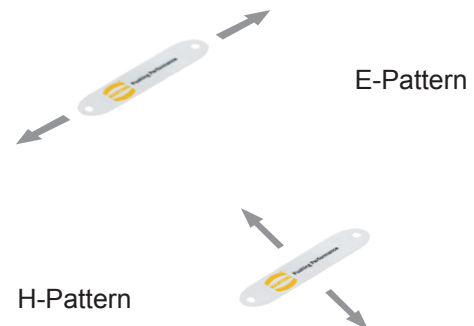
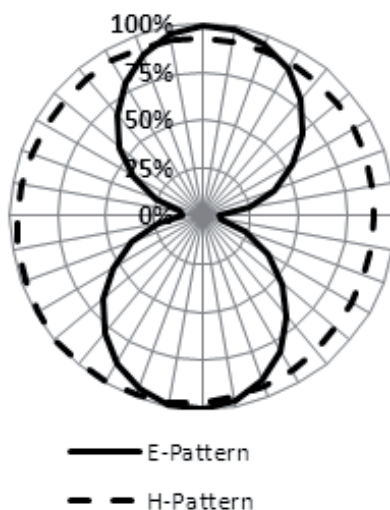
Frequency range	860 ... 930 MHz	global use
Protocol	EPC Class 1 Gen 2	
EPC / User Memory (Chip)	128 Bit / 32 Bit	(Impinj Monza 4D)
Temperature range	Function Storage	-32 °C ... +90 °C -32 °C ... +90 °C
Housing	Size (W x D x H) Protection class Mounting Colour	144 x 29 x 0.7 mm IP 64 / IP 67 / IP 69K screws, 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