



Transponder Ha-VIS RFID FT 89 on metal (NT)

Advantages

- Global use possible thanks to wideband antenna design
- High read ranges on metal
- 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 metallic and non-conducting surfaces
- Metal container detection
- Container management
- Asset management
- Intralogistic
- EPC C1 Gen2 compatible
- Read range (on metal, 2 W ERP): > 2 m

Identification

Part number

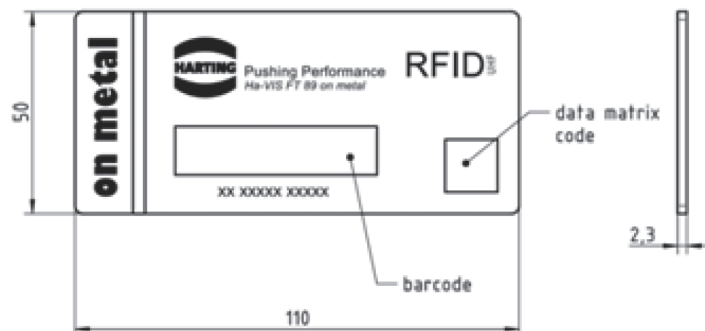
Drawing

Dimensions in mm

Ha-VIS RFID FT 89 on metal (NT)

Packaging unit:

50 piece	20 92 641 0752
500 piece	20 92 641 0753

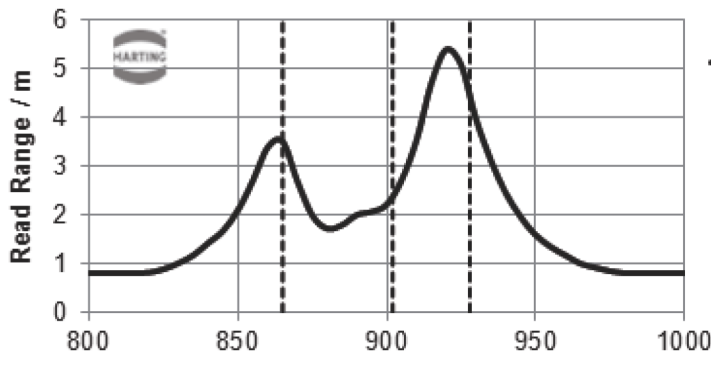


Technical characteristics

Frequency range	860 ... 930 MHz	global use
Protocol	EPC Class 1 Gen 2	
EPC / User Memory (Chip)	496 Bit / 128 Bit	(Impinj Monza 4E)
Temperature range	Function Storage	-32 °C ... +90 °C -32 °C ... +90 °C
Housing	Size (W x D x H) Protection class Mounting Colour	110 x 50 x 2.3 mm IP 64 / IP 67 / IP 69K glue white / flexible

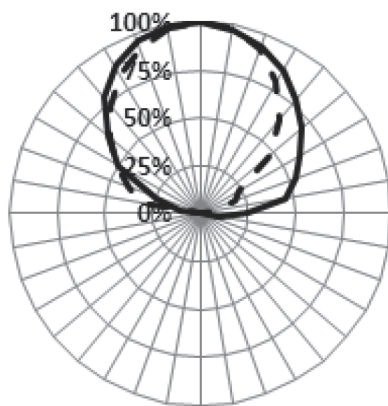
Measurements

Read Range / Radiation Pattern

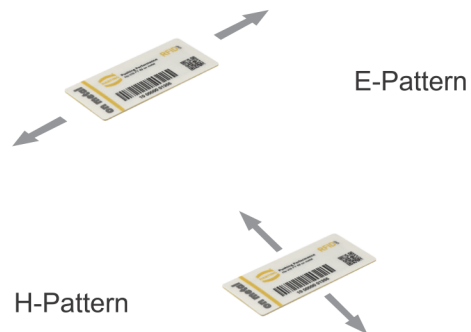


— on metal -
200x200mm -
forward

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



— E-Pattern
- - H-Pattern



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

- placement of tag on different metallic surfaces
- 868 MHz or 910 MHz