



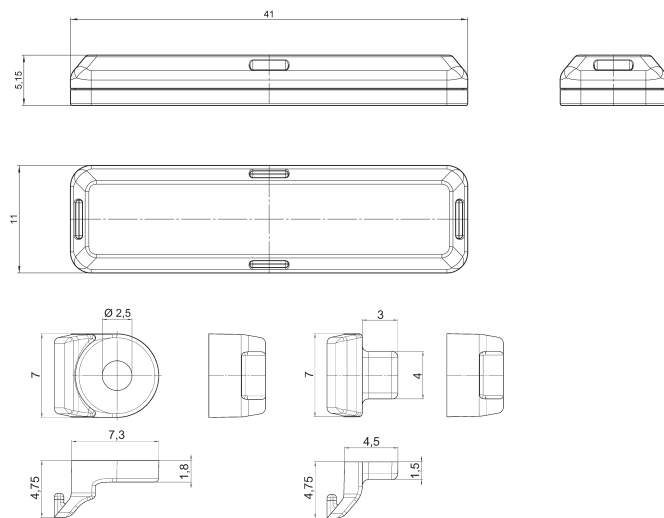
Transponder Ha-VIS RFID VT 92 L (HT)

Features

- Optimised for the US/Asia frequency band
- Very high read ranges, in relation to the housing dimensions
- Increased memory (User Memory 3.3 kBit)
- Robust, chemically resistant housing
- Small size
- Flexible mounting
- High temperature resistance
- Protection class IP69K
- Integration in type labels possible

General description

- Particularly robust and durable transponder for repair and maintenance applications in extremely harsh environments
- Optimised for function on metal
- Class 1 Gen 2 compatible
- Read range
(on metal, 2 W ERP, 915 MHz): up to 4 m

Identification	Part-Number	Drawing	Dimensions in mm
Ha-VIS RFID VT 92 L (HT) Packaging unit: 10 pieces 50 pieces	20 92 622 0201 20 92 622 0202		

Technical characteristics

Frequency range	900 ... 930 MHz,	US/Asia frequency band
Protocol	EPC Class 1 Gen 2	
EPC / User Memory (Chip)	160 Bit / 3328 Bit	(NXP UCODE I2C)
Read range	on metal, 2 W ERP, 915 MHz: up to 4 m	

Temperature range

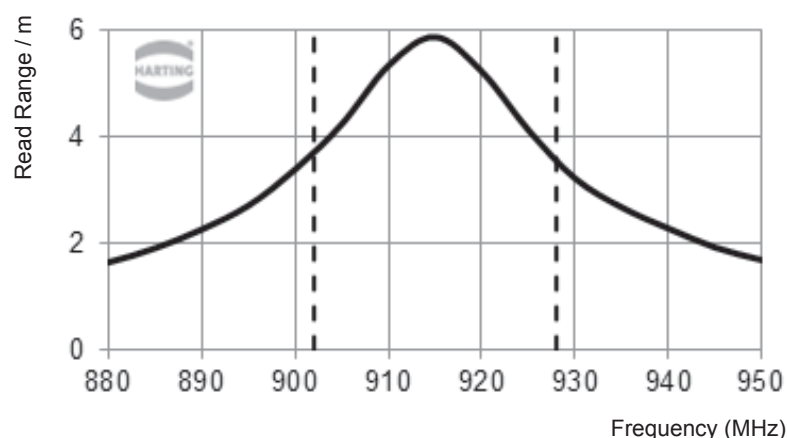
Operational	-40 °C ... +85 °C
Storage	-55 °C ... +125 °C

Housing

Dimensions (W x D x H)	41 x 11 x 5.15 mm
Protection class	IP67 / IP69K
Mounting	screw, rivet, glue
Colour	black

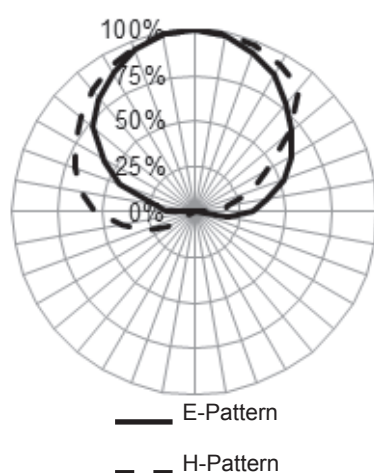
Measurements

Read Range

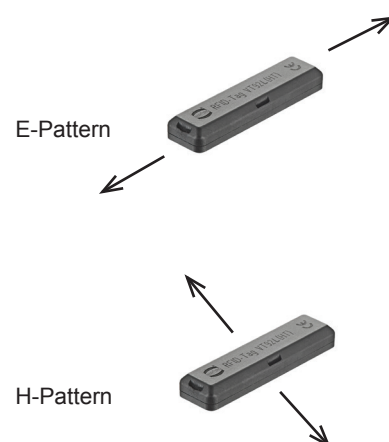


— on metal
200 x 200 mm
forward

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 transponder on different metallic surfaces