



Transponder

Ha-VIS RFID LT 2.0 86 L (EU)

Ha-VIS RFID LT 2.0 92 L (US/Asia)

Features

- Large user memory
- Robust, chemical resistant housing
- EPC Class 1 Gen 2 compatible
- Protection class IP67
- Flexible mounting
- High temperature resistance
- Optimised for function on metal

General description

- Particularly robust and durable transponders for repair and maintenance cycles in extremely harsh environments
- Optimised for function on metal
- Read range (on metal, 2 W ERP, 868 MHz or 4 W EIRP, 915 MHz): > 8 m

Identification

Part number

Drawing

Dimensions in mm

Ha-VIS RFID LT 2.0 86 L
EU version

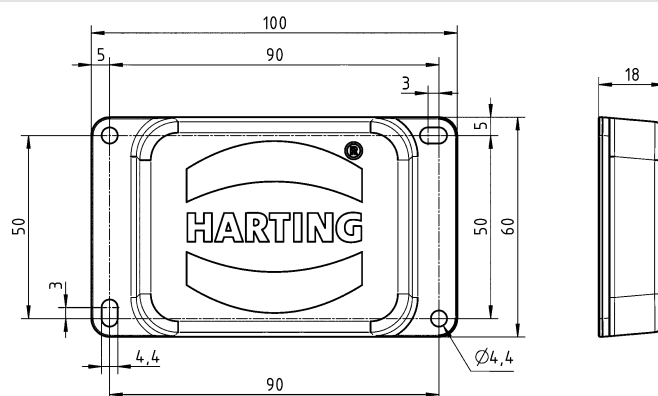
Packaging unit: 1 piece

20 92 612 7155

Ha-VIS RFID LT 2.0 92 L
US/Asia version

Packaging unit: 1 piece

20 92 622 7155



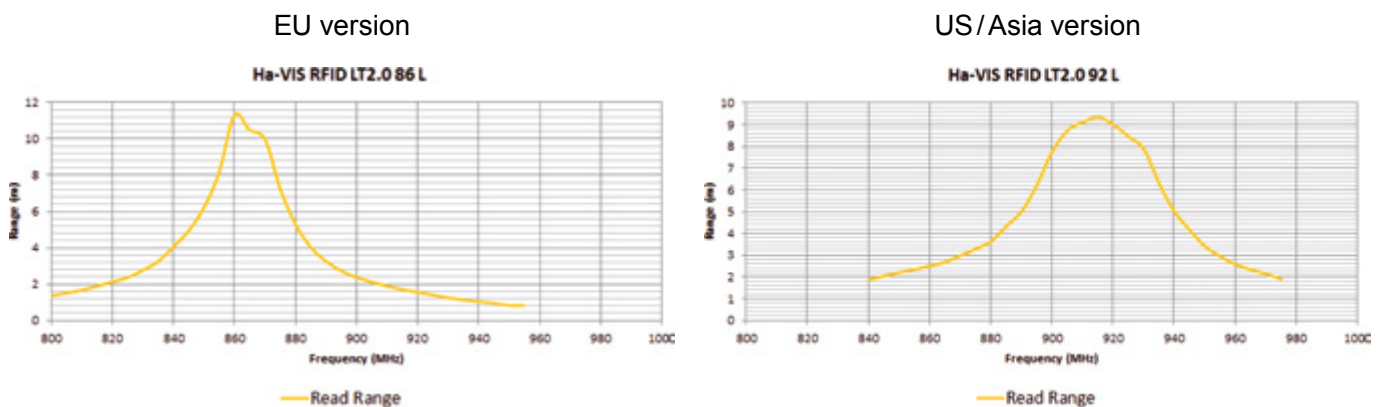
All data given are in line with the actual state of art and therefore not binding.
HARTING reserves the right to modify designs without giving the relevant reasons.

Technical characteristics

Frequency range	860 ... 870 MHz, EU frequency band 900 ... 930 MHz, US/Asia frequency band
Protocol	EPC Class 1 Gen 2
Chip characteristics	
EPC / user memory	160 Bit / 3328 Bit (NXP UCODE I2C)
Read range	> 8 m on metal*, > 2 m on concrete or on dry wood
Retention time	20 years ($T_{amb} \leq 55\text{ °C}$)
Write endurance	50 000 cycles ($T_{amb} \leq 85\text{ °C}$)
Read endurance	infinite
Temperature range	
Operational	-40 °C ... +85 °C
Housing	
Dimensions (W x D x H)	100 x 60 x 18 mm
Protection class	IP67 / IK03
Mounting	screws, rivets, glue

Measurements

Read range



Theoretical max. read range measured in free field conditions, on metal.