



Transponder Ha-VIS RFID IT 86 S (NT)

Features

- · Optimised for the EU frequency band
- Very high read ranges, in relation to the housing dimensions
- · Very small size
- Flexible mounting on different surface shapes
- · Supplied with 3M adhesive pad
- Holder for mounting option with cable ties included
- Protection class IP67
- · Shock resistant

General description

- Very small on-metal transponder, with high read ranges
- Flexible options to integrate the Ha-VIS RFID IT 86 S (NT) on different metal surfaces
- Due to the small housing dimensions ideally suited for tool-tagging
- · Optimised for function on metal
- EPC Class 1 Gen 2 compatible
- Read range (on metal, 2 W ERP, 868 MHz): up to 3 m

Identification	Part number	Drawing	Dimensions in mm
Ha-VIS RFID IT 86 S (NT)			\wedge
Packaging unit:	20 92 611 0901 20 92 611 0902	15	
		9,6	

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.

Ha-VIS RFID IT 86 S (NT)



Technical characteristics

Frequency range 860 ... 870 MHz, EU frequency band

Protocol EPC Class 1 Gen 2

EPC / User Memory (Chip) 128 Bit / 512 Bit (Monza 4QT) Read range on metal, 2 W ERP, 868 MHz: up to 3 m

Temperature range

Operational -45 °C ... +85 °C

Thermal stress test

min. temperature -45 °C / 1500 h
 max. temperature +105 °C / 1500 h

Housing

Dimensions (W x D x H) $15 \times 5 \times 3.5 \text{ mm}$

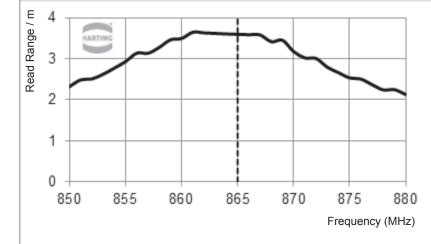
Protection class IP67

Mounting holder with cable tie, glue

Colour white/black

Measurements

Read Range



on metal
200 x 200 mm
forward

Theoretical read range measured in free field conditions (radiated power: 2 W ERP)

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