



Pushing Performance



People | Power | Partnership

HARTING Ha-VIS RFID System Components

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Real-time information and the close synchronization of computer data and real processes play a critical role in process management and process optimization. Ensuring that information precisely maps and concurs with reality is the only way to control processes optimally and reap savings potentials accordingly.

Tracking of operating resources

Because of quality and safety standards different kind of operating resources have to be maintained regularly. But how to get the service and maintenance information into your company database? To do this manually based on paper checklists is time consuming and error prone. With RFID from HARTING you can save the time you spend in digitalizing these checklists for your maintenance backend system. In parallel you eliminate typical human made mistakes by using a process driven RFID handheld application. The needed information who, when, which item, the checklist itself is already digitalised stored on RFID mobile readers



Wireless signaling for train

Safety and the exact positioning of trains and light railway vehicles can be easily improved with wireless radio frequency identification (RFID). Doors will only be opened on the side with a platform and when the position is verified. RFID is a robust technology and proved its advantages over mechanical switches, infrared or ultra sonic optical sensors.



Intralogistics: RFID along conveyor belt

Conveyor belts are often making curves. And the space for adding antennas is very limited. Ha-VIS LOCFIELD® antennas can be seamlessly integrated in conveyor belts. Because the antenna is made of a coax cable, the antenna can easily be following curves or slopes of conveyor belts



HARTING Smart Infrastructure Solutions

Real time information and the close synchronization of the virtual data world and the real process world play a crucial role in process management and process optimization. Information constitutes the basis of decisions.

Missing information is detrimental here, while information that is present in the company but that remains hidden due to incompatible and impermeable infrastructures is even more damaging as this costs money without being able to return the full benefits.



Customised RFID Transponder-Solutions

- Ha-VIS RFID SL 89 Set
- Customised mounting kits
- Integration of the tag in metallic surfaces
- Read range of 15 m
- Tag is mechanically protected



Ha-VIS Middleware

- Easy and fast integration of RFID Readers
- Configurable without programming effort
- Report of cumulated data in standardised formats
- Conform to EPCglobal® ALE 1.1 standard



Reader communicates directly with PLCs via function blocks, e. g. for:

- Siemens S7
- Siemens Simotion
- Allen Bradley
- Mitsubishi
- Beckhoff



Rugged Ha-VIS RF-ANT-LR10 UHF RFID antenna with very short read range

- Protection class IP67
- Optimised for near-field applications
- Identification of tools in machines or ensuring the correct positioning of objects, for example



**Tool management / maintenance
Ha-VIS RFID VT Series (HT)**

- > 4 m range on metal in connection with highly compact footprint
- Variable installation possibilities
- Especially resistant to heat, chemicals, such as during autoclaving



Ha-VIS Application-Suite

- Flexible application solutions
- Easy and fast support of different end devices
- Platform independent applications (Windows CE, Windows, Android, iOS)
- Based on open standards like HTML 5



RFID out of the Box Solution Complete RFID system

- Incl. RFID reader, switch, protection against overvoltage, and power supply
- Protection class IP65
- Customer specific configurations possible
- Robust housing



Robust Smart-Labels Ha-VIS RFID FT 89 on metal

- > 2 m read
- Function on metal guaranteed
- Flat design



Finished part monitoring in building management

- Monitoring of static characteristics in prefabricated building parts using RFID technology
- Transponder readable when embedded in concrete
- Readable for decades



Automatic process mapping using RFID reader Ha-VIS RF-R500

- Read range to 16 m
- 4 antennas can be connected
- Up to IP64 with protection cap
- 5 GPIOs



Localization of transport means for automatic booking processes Ha-VIS RFID CT 89 (NT)

- > 4,5 m range
- Function in and on precast concrete units
- Development for the construction trade



Incoming goods inspection via RFID gate Extremely rugged outdoor antenna for Ha-VIS RF-ANT- WR80-30 for gate applications

- Ruggedised housing
- 30°/70° aperture angle
- Protection class IP65



Maintenance management

- Cyclic maintenance of safety-related equipment is automated with modern RFID transponders
- Transponder can be placed in cavity
- Tracing of tools



Container management

Selective identification of containers with Ha-VIS RFID antennas, especially in harsh industrial environments. Ha-VIS RF-ANT-WR30

- High read range
- Flat, compact design
- Protection class IP65 / IP67

HARTING smart infrastructure solutions in the railway market

HARTING connectors are well known for their robustness and longevity. These are already asked thousands of times e. g. as jumper cables between two wagons under evidence. The HARTING RFID systems are following this tradition. The customer decides if the transponder is mounted on the train and the reader at the roadbed or the reader is mounted on the train and the transponder in the roadbed. Of course HARTING offers systems tested according to the railway standard EN 50 155. The Ha-VIS Middleware also allows in this environment to be the centralised reader and data manager.



RFID Reader on board

- Vibration EN 61 373 Cat 1B
- Shock EN 61 373 Cat 1B
- Isolation EN 50 155
- Cold / heat EN 50 155
- Damp heat (cyclic) EN 50 155



RFID Transponder on the platform

- Tag in concrete (CX Series)
- Extreme robust and durable
- Maintenance-free



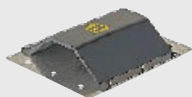
Train positioning on the platform

- Via RFID antenna
- IP67
- Read Range 2 m



RFID Transponder on Railway Sleeper

- Ha-VIS RFID SL 89 Set
- Customised mounting kits
- Customised read range design (antenna boosting)
- Extreme robust and durable
- Maintenance-free



Ha-VIS RFID SL 89 Set High Speed

- Transponder for High Speed Applications
- Extreme robust
- Resistant to weathering
- Read range of 5 m



RFID out of the Box-Solution Complete RFID system

- Incl. RFID reader, switch, protection against overvoltage, and power supply
- Protection class IP65
- Customer specific configurations possible
- Robust housing
- Tested for application at track side



Ha-VIS Middleware

- Easy and fast integration of RFID Readers
- Configurable without programming effort
- Report of cumulated data in standardised formats
- Conform to EPCglobal® ALE 1.1 standard



Maintenance / Repair using Ha-VIS RFID VT Series (HT)

- > 4 m read range on metal
- Variable mounting options
- Resistant to many chemicals
- Extreme robust



Ha-VIS RFID SL 89 Set

- Read range of 15 m
- Mechanically protected by stainless steel bracket
- Customised adaptation possible



RFID antenna on the platform

- Impact-resistant housing
- Read range more than 15 m
- Variable mountable: horizontal and vertical

RFID Products & Accessories

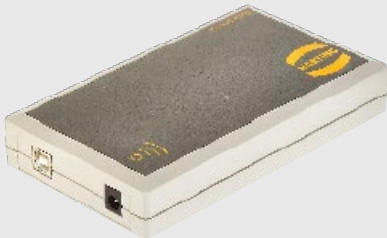
Ha-VIS UHF long range RFID Reader RF-R500

Features	
■ Suitable for harsh Industrial and Railway application ■ Very high read range of up to 16 m ■ Power over Ethernet capability (PoE) (RF-R500-p) ■ 4 antennas can be connected ■ Up to 4 W transmitter power (RF-R500-p), otherwise 2 W (RF-R500-c) ■ 5 GPIOs ■ Interfaces (Ethernet, USB, RS 232, RS 485) ■ Fast readout of >150 transponders ■ 860 - 960 MHz ■ Tested according to EN 50 155 ■ PLC connection – templates of function blocks on request	
Identification	Part. no.
RF-R500-c-EU	20 91 104 1103
RF-R500-c-US	20 91 104 1104
RF-R500-p-EU	20 91 104 1101
RF-R500-p-US	20 91 104 1102
Accessories	
DIN Rail mounting kit	20 93 102 0201
- Board inc. screws for installing the Ha-VIS RF-R500 on DIN rail	
Ha-VIS Protection cap RF-R500	20 93 901 0101
- Increased protection class IP64	
- Up to 8 PG lead-throughs	
- Simple and reliable installation on Ha-VIS RF-R500	



Ha-VIS UHF mid range Reader RF-R200

Features	
■ External antenna (max. read range up to 2 m) ■ Internal antenna (max. read range up to 20 cm) ■ 500 mW transmission power ■ Power over Ethernet ■ SMA connector ■ Automatic reporting of tags (notification mode)	
Identification	Part. no.
Ha-VIS RF-R200 PoE	20 91 106 1101
Ha-VIS RF-R200 Modul (3x SMA)	20 91 106 1103
Accessories	
DIN rail mounting kit RF-R200	20 93 102 0202
Mounting Kit RF-R200	20 93 102 0203
Desktop power supply for RF-R200 (EU)	20 93 310 0203
Desktop power supply for RF-R200 (GB)	20 93 310 0204
Desktop power supply for RF-R200 (US)	20 93 310 0205



Ha-VIS UHF ruggedised mid range Reader RF-R300

Features

- Suitable for harsh industrial environment
- M12 connector sockets
- TNC reverse antenna sockets
- 2 antenna ports (max. 0.5 W)
- Power over Ethernet enabled (PoE)
- Digital inputs and outputs
- 500mW transmission power

Identification

RF-R300, LLRP interface, EU/FCC
RF-R300, LLRP interface, railway approval, EU/FCC

Part. No.

20 91 105 1101
20 91 105 1111



Ha-VIS RFID Box

Features

- Completely installed RFID system in cabinet
- Tested and ready for connection
- Modular system
- Customer specific configurations possible
- 2 mm VA steel cabinet
- Railway norms
- Protection class IP65

Identification	Part. no.
Ha-VIS RFID Box (RF-R500-p-EU, eCon 2050-A)	20 91 421 1001
Ha-VIS RFID Box (RF-R500-c-EU, eCon 2050-A)	20 91 411 1001



Ha-VIS UHF mobile Reader Nordic ID Merlin

Features

- Mobile RFID handheld
- Extremely high read ranges of up to 5 m
- Ruggedised
- Fully supported by Ha-VIS Application-Suite

Identification	Part. no.
Merlin Cross Dipole	
UHF RFID 500 mW. EU	20 91 243 0121
UHF RFID 500 mW. US	20 91 243 0122
UHF RFID 500 mW, Laser Sanner, EU	20 91 243 1121
UHF RFID 500 mW, Laser Sanner, US	20 91 243 1122
UHF RFID 500 mW, 2D Imager, EU	20 91 243 3121
UHF RFID 500 mW, 2D Imager, US	20 91 243 3122
<i>Mobile reading devices with higher read ranges on request</i>	

Accessories

Merlin Docking station desktop incl. power supply, EU	20 93 306 0101
Merlin Docking station desktop incl. power supply, US	20 93 306 0103
Merlin Docking station desktop with Ethernet incl. power supply, EU	20 93 306 0102
Merlin Docking station desktop with Ethernet incl. power supply, US	20 93 306 0104
Merlin main battery, 2500 mAh, 7.4 V	20 93 405 0104
Merlin Stylus Pen	20 93 405 0109



*Other Nordic ID products available on request

Ha-VIS RFID UHF wide range antenna

Features

- Compact design
- High read range
- Suitable for industrial environment
- Optimised for portal applications
- 69° aperture angle
- Antenna gain 8.5 dBic
- High IP65 protection
- Suitable for outside areas
- TNC socket
- 865 - 870 MHz (EU) or 902 - 928 MHz (US)

Identification

RF-ANT-WR30-EU
RF-ANT-WR30-US

Part. no.

20 93 201 0102
20 93 201 0103

Accessoires

RF-MOUNT-ANT-A
RF-MOUNT-ANT-C

20 93 102 0103
20 93 102 0101



Ha-VIS RFID UHF ruggedised wide range antenna, 30° aperture angle

Features

- Different aperture angles for azimuth and elevation planes (30° / 70°)
- Ruggedised housing
- Compact design
- High read range
- Antenna gain 11 dBic
- Suitable for industrial environment
- Optimised for portal applications
- High IP65 protection
- Suitable for outside areas
- N socket
- 865 - 870 MHz (EU) or 902 - 928 MHz (US)

Identification

RF-ANT-WR80-30-EU
RF-ANT-WR80-30-US

Part. no.

20 93 201 0203
20 93 201 0204

Accessoires

RF-MOUNT-ANT-B

20 93 102 0104



Ha-VIS RFID UHF mid range antenna

Features

- Very compact design
- Medium read range (0.2 m - 2 m)
- Suitable for industrial environment with near- and far-field applications
- 100° aperture angle
- Antenna gain 2.5 dBic
- High IP67 protection
- Suitable for outside areas
- TNC socket
- 865 - 870 MHz (EU) or 902 - 928 MHz (US)

Identification	Part. no.
RF-ANT-MR20-EU	20 93 201 0301
RF-ANT-MR20-US	20 93 201 0302



Ha-VIS RFID UHF ultra-low range antenna

Features

- Minimal size
- Extreme high spatial selectivity
- Suitable for industrial environment
- Optimised for near-field applications (< 5 cm)
- High IP67 protection
- Suitable for outside areas
- TNC socket
- Worldwide applicable (860-930 MHz)

Identification	Part. no.
RF-ANT-LR10	20 93 201 0303



Ha-VIS RFID UHF low range antenna

Features

- Minimal size
- Extreme high spatial selectivity
- Suitable for industrial environment
- Optimised for muRata MAGICSTRAP®
- High IP67 protection
- TNC socket

Identification	Part. no.
RF-ANT-μLR10-EU	20 93 201 0305
RF-ANT-μLR10-US	20 93 201 0306



Ha-VIS RFID LOCFIELD®

Features

- Create your customised read zone
- Read range up to 2 m (with RF-R500-p)
- No reflections
- 865 – 870 MHz (EU) or 902 – 928 MHz (FCC)
- SMA (male) connector (TNC on request)

Identification

2 m (active length), total length
2.5 m, diameter 3 mm, SMA (m), EU

Part. no.

20 93 610 1100 10

2 m (active length), total length
3 m, low loss coax, diameter 5 mm, SMA (m), EU

20 93 610 2100 10

1 m (active length), total length
1.5 m, diameter 3 mm, SMA (m), EU

20 93 610 1100 20

0.3 m (active length), total length 0.6 m,
diameter 3 mm, SMA (m), EU

20 93 610 1100 30

2 m (active length), total length
2.5 m, diameter 3 mm, SMA (m), FCC

20 93 610 1200 10

2 m (active length), total length
3 m, low loss coax, diameter 5 mm, SMA (m), FCC

20 93 610 2200 10

1 m (active length), total length
1.5 m, diameter 3 mm, SMA (m), FCC

20 93 610 1200 20

0.3 m (active length), total length 0.6 m,
diameter 3 mm, SMA (m), FCC

20 93 610 1200 30

Accessoires

Coax extensions cables

Extension cable, SMA male - SMA female, 1 m

20 93 204 0112

Extension cable, SMA male - SMA female, 3 m

20 93 204 0113

Extension cable, SMA male - SMA female, 5 m

20 93 204 0114

TNC-Adapter TNC-Reverse-male - SMA-female

20 93 204 0302

Adapter SMA female - N female

20 93 204 0303

*other lengths on request



Ha-VIS RFID standard antenna cable

Features

- 3 m standard cable
- SMA-TNC
- Attenuation 68 dB/100 m (@800 MHz)

Identification

Ha-VIS Coax SMA-TNC, RG58, 3 m

Part. no.

20 93 204 0101



Ha-VIS RFID low loss antenna cable

Features

- 3 m and 10 m low loss cable
- Attenuation 28 dB / 100 m (@800 MHz)
- Outer diameter 5.4 mm

Identification

Ha-VIS Coax SMA-TNC, LL 240 flex, 3 m

Ha-VIS Coax SMA-TNC, LL 240 flex, 10 m

Ha-VIS Coax SMA-N, LL 240 flex, 3 m

Ha-VIS Coax SMA-N, LL 240 flex, 10 m

Part. no.

20 93 204 0102

20 93 204 0103

20 93 204 0104

20 93 204 0105



Ha-VIS RFID heavy duty low loss antenna cable

Features

- 3 m and 10 m low loss cable
- Suitable for harsh environments
- Attenuation 22 dB / 100 m (@800 MHz)
- Outer diameter 10.3 mm
- TNC-N

Identification

Ha-VIS Coax TNC-N, RG 213, 3 m

Ha-VIS Coax TNC-N, RG 213, 10 m

Accessoires

Adapter TNC-SMA

Part. no.

20 93 204 0106

20 93 204 0107

20 93 204 0301



Ha-VIS RFID heavy duty low loss antenna cable ECOFLEX 10

Features

- 25 m and 35 m low loss cable
- Suitable for harsh environments
- Attenuation 12.5 dB/100 m (@800 MHz)
- Outer diameter 10.2 mm

Identification

Ha-VIS Coax SMA-N, ECOFLEX 10, 25 m

Ha-VIS Coax SMA-TNC, ECOFLEX, 25 m

Ha-VIS Coax SMA-TNC, ECOFLEX, 35 m

Part. no.

20 93 204 0108

20 93 204 0110

20 93 204 0111



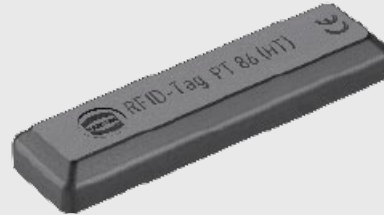
Ha-VIS RFID PT 86 (HT)

Features

- Functions on metal
- Rugged, chemical resistant housing
- EPC Class 1 Gen 2 compatible
- Protection class IP69K
- Expanded memory

Identification

Identification	Part. no.
Ha-VIS RFID PT 86 (HT) - 512 Bit - global, 10 pce.	20 92 641 0101
Ha-VIS RFID PT 86 (HT) - 512 Bit - global, 50 pce.	20 92 641 0102



Ha-VIS RFID VT Series (HT)

Features

- Functions on metal
- Rugged, chemical resistant housing
- EPC Class 1 Gen 2 compatible
- Protection class IP69K
- Expanded memory
- Flexible mounting
- Version for ATEX applications available
- Version for medical applications available
- Customised solutions for mounting plates possible

Identification

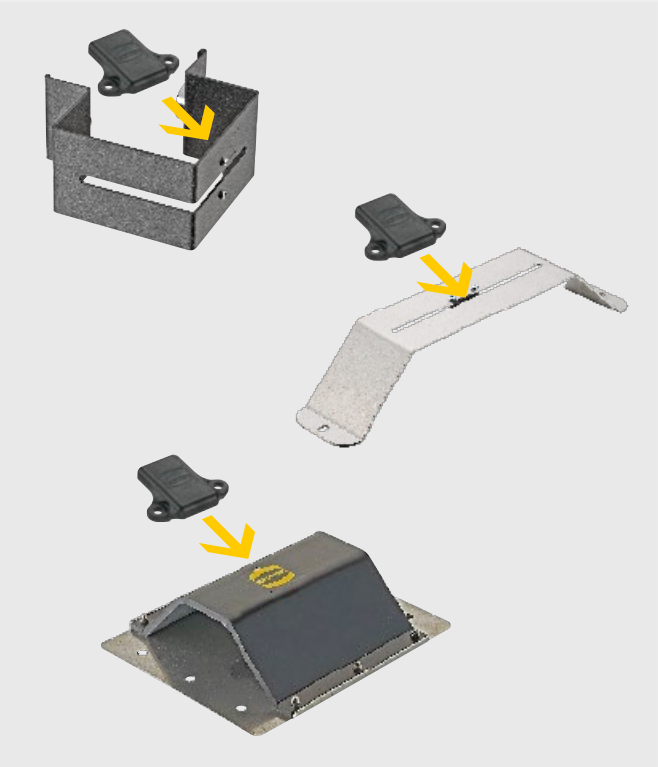
Identification	Part. no.
Ha-VIS RFID VT 89 s (HT) - 512 Bit - global, 10 pce.	20 92 641 0201
Ha-VIS RFID VT 89 s (HT) - 512 Bit - global, 50 pce.	20 92 641 0202
Ha-VIS RFID VT 86 s (HT) - 512 Bit - EU, 10 pce.	20 92 611 0201
Ha-VIS RFID VT 86 s (HT) - 512 Bit - EU, 50 pce.	20 92 611 0202
Ha-VIS RFID VT 92 s (HT) - 512 Bit - US/Asia, 10 pce.	20 92 621 0201
Ha-VIS RFID VT 92 s (HT) - 512 Bit - US/Asia, 50 pce.	20 92 621 0202
Ha-VIS RFID VT 89 L (HT) - 3,3 kBit - global, 10 pce.	20 92 642 0201
Ha-VIS RFID VT 89 L (HT) - 3,3 kBit - global, 50 pce.	20 92 642 0202
Ha-VIS RFID VT 86 L (HT) - 3,3 kBit - EU, 10 pce.	20 92 612 0201
Ha-VIS RFID VT 86 L (HT) - 3,3 kBit - EU, 50 pce.	20 92 612 0202
Ha-VIS RFID VT 92 L (HT) - 3,3 kBit - US/Asia, 10 pce.	20 92 622 0201
Ha-VIS RFID VT 92 L (HT) - 3,3 kBit - US/Asia, 50 pce.	20 92 622 0202
Ha-VIS RFID VT - ATEX Version	on request
Ha-VIS RFID VT - medical Version	on request
Ha-VIS RFID VT - high User Memory Version (64 kBit)	on request
Ha-VIS RFID VT Set - customised mounting plates	on request



Ha-VIS RFID SL Series (MT)

- Features**
- RFID Transponder concept for customised solutions
 - Extremely high level of mechanical protection
 - Protection class IP69K
 - EPC Class 1 Gen 2 compatible
 - Expanded memory
 - Customer specific shapes of metal pieces for individual customer requests
 - High read ranges possible, > 15 m
 - 512 Bit User Memory

Identification	Part. no.
Ha-VIS RFID SL 89 Set - customised solution	on request
Ha-VIS RFID SL 89 Set antenna bracket	20 92 641 1600



Ha-VIS RFID CX Series (NT)

- Features**
- Designed for use in concrete
 - Different designs for different read ranges and space conditions
 - Can also be read in damp environments
 - Robust housing
 - EPC Class 1 Gen 2 compatible
 - Protection class IP69K
 - Expanded memory
 - 512 Bit User Memory
 - Global use possible

Identification	Part. no.
Ha-VIS RFID CT 89 (NT), 10 pce.	20 92 641 0301
Ha-VIS RFID CT 89 (NT), 50 pce.	20 92 641 0302
Ha-VIS RFID CF 89 (NT), 10 pce.	20 92 641 0401
Ha-VIS RFID CF 89 (NT), 50 pce.	20 92 641 0402
Ha-VIS RFID CS 89 (NT), 10 pce.	20 92 641 0501
Ha-VIS RFID CS 89 (NT), 50 pce.	20 92 641 0502



Ha-VIS RFID FT Series (NT)

Features

- High quality RFID Label
- Scratch- and smudge-resistant by polycarbonate film
- Washable, resistant to chemicals
- Variants with extremely high protection
- Variants for lower protection requirements
- Flexible printing possible (custom logo / name, barcode, datamatrix, etc.)
- Flexible mounting on different forms
- Glueable
- Variants for metallic and non conducting surfaces
- Global use possible
- EPC Class 1 Gen 2 compatible

Identification

Ha-VIS RFID FT 89 (NT), 50 pce.

Ha-VIS RFID FT 89 (NT), 500 pce.

Ha-VIS RFID FT 89 on metal (NT), 50 pce.

Ha-VIS RFID FT 89 on metal (NT), 500 pce.

Ha-VIS RFID FT 89 small (NT), 50 pce.

Ha-VIS RFID FT 89 on small (NT), 500 pce.

Ha-VIS RFID FT 89 light (NT), 50 pce.

Ha-VIS RFID FT 89 light (NT), 500 pce.

Ha-VIS RFID FT 89 paper (NT), 50 pce.

Ha-VIS RFID FT 89 paper (NT), 500 pce.

Label with customised printing
(from an order of 5000 pce.)

Part. no.

20 92 641 0702

20 92 641 0703

20 92 641 0752

20 92 641 0753

20 92 641 0802

20 92 641 0803

20 92 641 0712

20 92 641 0713

20 92 641 0722

20 92 641 0723

on request



Ha-VIS RFID IT Series (NT)

Features

- Very small and robust transponder, with high read ranges on metal
- Different variants for EU and US/Asia frequency
- User Memory 512 Bit
- EPC Class 1 Gen 2 compatible
- Read Range on metal up to 3 m
- Good mechanical shock resistance
- Use e.g. for tool identification

Identification

Ha-VIS RFID IT 86 S (NT) - 512 Bit - EU, 10 pce.

Ha-VIS RFID IT 86 S (NT) - 512 Bit - EU, 50 pce.

Ha-VIS RFID IT 92 S (NT) - 512 Bit - US/Asia, 10 pce.

Ha-VIS RFID IT 92 S (NT) - 512 Bit - US/Asia, 50 pce.

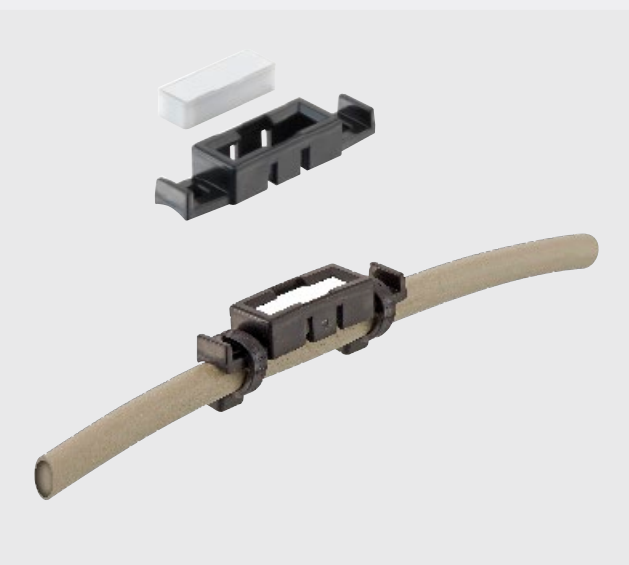
Part. no.

20 92 611 0901

20 92 611 0902

20 92 621 0901

20 92 621 0902



Ha-VIS RFID Steel ID Series

Features

- Particularly robust and durable RFID transponders for maintenance applications in extremely harsh environments, where a high mechanical protection is required
- Different variants for EU and US/Asia frequency
- Individual stainless steel housings are possible
- EPC Class 1 Gen 2 compatible
- For better identification and localization of objects the read range can be adjusted to small distances
- Extremely high mechanical shock resistance, up to IK 10

Identification

Ha-VIS RFID Steel ID 86 S Coin - BSR, 10 pce.
Ha-VIS RFID Steel ID - customised solution

Part. no.

20 92 611 1101
on request



Ha-VIS RFID Control ETB Series

Features

- Intelligent RFID transponder - operation of sensors and actuators, also in passive mode
- For example, can be used for monitoring of (switch-)conditions on rotating objects
- UHF RFID transponder with sensor functions
- Monitoring function, for example monitoring the status of a switch
- In passive mode, maintenance-free, since no battery replacement is necessary
- Connection of sensors / actuators via a cable of up to 8 m length
- EPC Class 1 Gen 2 compatible
- Function read range (in passive mode) up to 3 m
- Robust chemical resistant housing - optimised for industrial use

Identification

Identification	Part. no.
Ha-VIS RFID Control ETB 86v1 - EU Version, 1 pce.	20 92 614 7055
Ha-VIS RFID Control ETB 92v1 - US Version, 1 pce.	20 92 624 7055
Ha-VIS RFID Control ETB with sensors / actuators - customised solution	on request



Ha-VIS RFID LT 2.0 Series (MT)

Features

- Different variants for EU and US / Asia frequencies
- High User Memory 3.3 kBit
- EPC Class 1 Gen 2 compatible
- Optimised for metallic surfaces
- Robust chemical resistant housing - optimised for industrial use

Identification

Identification	Part. no.
Ha-VIS RFID LT 2.0 86 L - EU Version, 1 pce.	20 92 612 7155
Ha-VIS RFID LT 2.0 92 L - US/Asia Version, 1 pce.	20 92 622 7155



Ha-VIS Middleware, certified Software

Features

- Easy integration of UHF RFID in every project
- No programming effort
- Reliable standardised solution
- Reading and writing tag information
- HARTING, Feig and Motorola LLRP reader are supported
- Various filter and aggregation options
- Possibility to configure individual solutions
- Digital IO port cycle support
- Reader monitoring
- Fast data handling
- Modular and scalable

Identification

Part. no.

Ha-VIS Middleware¹

Incl. XML subscriber and connector
for one Ha-VIS RF-R RFID reader

26 99 210 1110 00

Subscriber (software-sided)

Ha-VIS Subscriber SQL

26 99 220 4110 00

Ha-VIS Supscrber http

26 99 220 5110 00

Ha-VIS Supscrber tcp

26 99 220 6110 00

Connector (hardware-sided)

Ha-VIS Connector 5 pcs RF-R

26 99 230 1120 00

Ha-VIS Connector 15 pcs RF-R

26 99 230 1130 00

Ha-VIS Connector 25 pcs RF-R

26 99 230 1140 00

Ha-VIS Connector 50 pcs RF-R

26 99 230 1150 00

Ha-VIS Connector LLRP third party

26 99 230 2120 00²



GS1® EPCglobal® ALE 1.1.1 certified software



¹ The Ha-VIS Middleware is including a maintenance contract with a yearly fee of 20 % of the total licensing costs.

² So far the FX7400 and the FX9500 from Motorola are supported. An actual list of supported devices is available on our website www.harting-rfid.com

Ha-VIS Application-Suite

Features

- Flexible application solutions
- Compatible with the Ha-VIS Middleware
- Easy and fast support of different end devices
- Platform independent applications (Windows CE, Windows, Android, iOS)
- Based on open standards like HTML 5

Identification

Part. no.

Ha-VIS Application-Suite

incl. Application-Suite Server

26 99 310 1110 00

Ha-VIS Application-Suite Client

annual fee

Ha-VIS Application-Suite Client, 5 pcs license

26 99 320 2310 00

Ha-VIS Application-Suite Client, 10 pcs license

26 99 320 2410 00

Ha-VIS Application-Suite Client, 25 pcs license

26 99 320 2510 00

Ha-VIS Application-Suite Client, 50 pcs license

26 99 320 2610 00

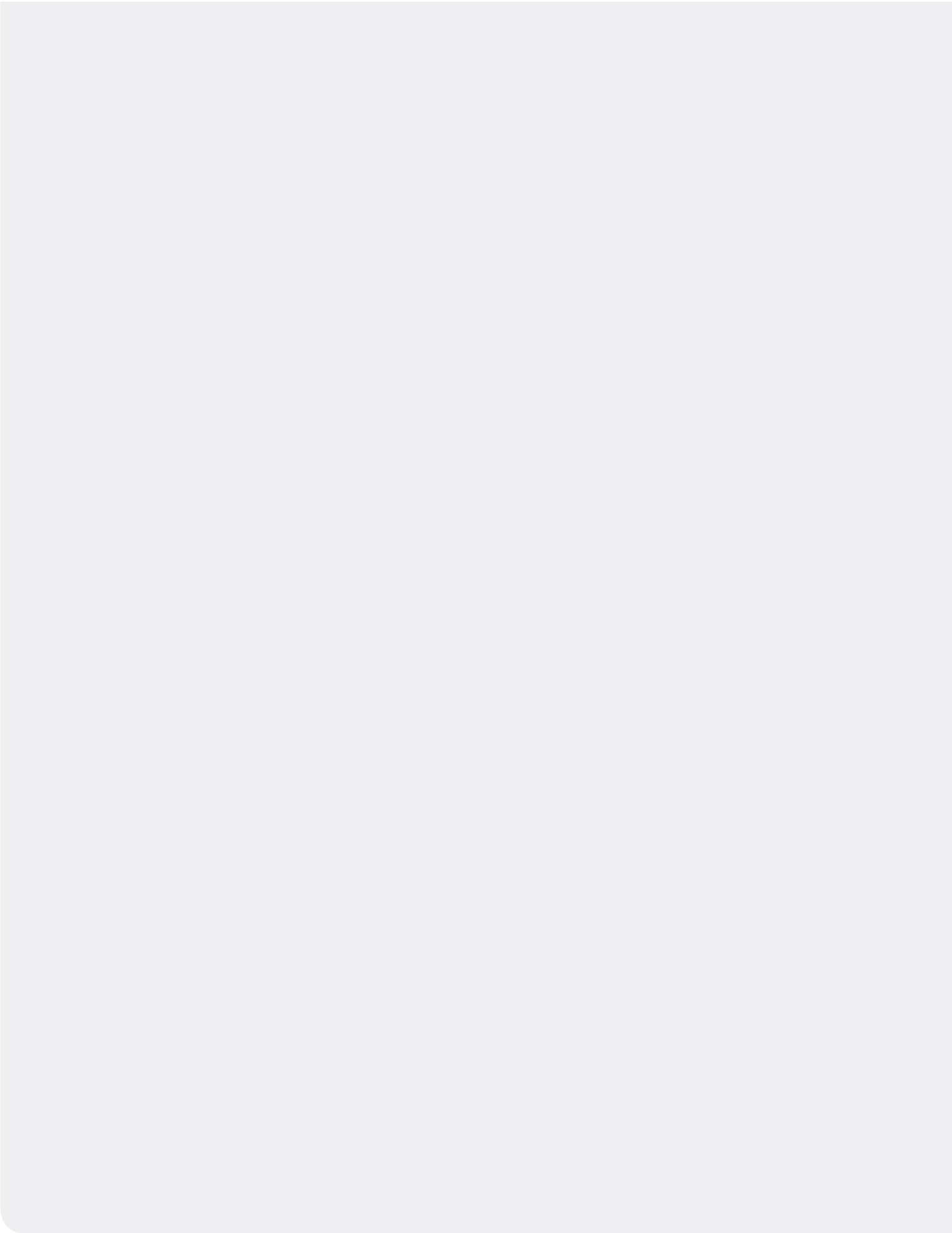
An actual list of supported devices is available on our website www.harting-rfid.com



Service

- RFID Proof-of-Concept at the site of customer or in the RFID laboratory
- Configuration service for Ha-VIS RFID Reader and Middleware
- Commissioning at site of customer
- Consulting for RFID systems
- Trainings
- Telephone hotline
- Email support
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