



Pushing Performance

Smart Infrastructure managed by **HARTING**



People | Power | Partnership

**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. HARTING offers smart infrastructure solutions based on optimally coordinated components from a single source. These solutions allow dependable control of production, a reliable framework for business processes and generally reduced process costs.



**Material tracking**  
**Ha-VIS RFID SL 89 (MT)**  
 - >4-m range  
 - Functions when integrated into metal  
 - Low space requirements



**Networking of the automation application**  
**Ha-VIS FTS 3100-A**  
 - Ethernet Switch with Fast Track Switching technology  
 - Determinism with Standard Ethernet  
 - Preference given to automation data



**Maintenance / safety inspection**  
**Ha-VIS RFID LT 89 (NT)**  
 - >3.5-m range on metal  
 - Suitable for harsh industrial environments  
 - Flat design against shearing



**Industrial outlet based on RJ45 IP 65/67 protection with Han® 3 A Interface**  
 2 ports for Fast Ethernet or Gigabit Ethernet



**Tool management / maintenance**  
**Ha-VIS RFID VT 86 (HT)**  
 - >2.5-m range on metal in the most compact installation size  
 - Variable installation possibilities  
 - Especially resistant to heat and chemicals, such as during auto-claving



**Cable identification**  
 RFID systems are used for tracking smart infrastructures connected by cables



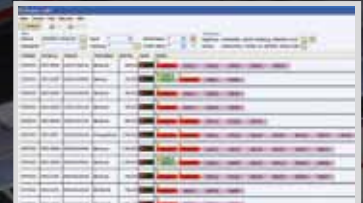
**Quality assurance in automated production**  
 Ha-VIS RFID LT 89 (NT)  
 - >3.5-m range on metal  
 - For the industrial manufacturing area  
 - Extra flat design



**Measuring device administration for calibration**  
 Ha-VIS RFID SL 89 (MT)  
 - >4-m range  
 - Function in metal guaranteed  
 - Little space required



**Prefabricated component monitoring in building management**  
 Monitoring of static characteristics in prefabricated building components using RFID technology



**Completely automated production planning and handling in accordance with eKanban**



**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**  
 The smart solution for incoming good inspection harnessing fully automated goods management



**Maintenance management**  
 Cyclic maintenance of safety-equipment is automated with RFID transponders





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[www.HARTING-RFID.com](http://www.HARTING-RFID.com)