

Return address: P.O. Box 15, 9822 ZG Niekerk, The Netherlands

Smidshornerweg 18  
P.O. Box 15  
9822 ZG Niekerk  
The Netherlands

ATCB  
Attn.: Mrs. M. Bosley  
Certification Department  
6731 Whittier Avenue, Suite C110  
McLean, Virginia 22101  
USA

www.tuv-eps.com

T +31 594 505005  
F +31 594 504804  
E info@tuv-eps.com

**Subject**  
Antenna info

**Date**  
March 18, 2009

**Our reference**  
09010504.B05

**Your reference**  
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1 of 1

Our General Terms and Conditions, as filed at the Chamber of Commerce in Groningen, are applicable to all orders given to TÜV Rheinland EPS B.V.

TÜV Rheinland EPS B.V. is registered at the Chamber of Commerce in Groningen with no. 27247331.

Dear Mrs. Bosley,

On behalf of our customer N.V. Nederlandsche Apparatenfabriek "Nedap" B.V. , we hereby declare that the antenna of the following device:

FCC ID: CGDVELO4  
Manufacturer: N.V. Nederlandsche Apparatenfabriek "Nedap" B.V.  
Brand: Nedap  
Model: VP1007  
Description: An inductive proximity tag reader, operating on 134 kHz

The antenna is not part of the device and must be connected externally. The antenna connector is of a dedicated type and can not be exchanged easily. The following antenna can be used with the VP1007:

Model: VP6012  
Type of connector: CAN-bus  
Description : model VP6012

The VP6012 is a small antenna for detecting tags in combination with the Velos transceivers. The antenna has dimensions of 17x28 cm. The purpose of the antenna is to convert a stable HF current into a magnetic field. This field degrades with the third power and is nearly not detectable at distances in the order of the used wavelength. This means that no measurable electromagnetic field is generated and the antenna can be used only for near-field induction systems.

The VP6012 antenna is a copper wire placed in a plastic housing made of ABS/PA. At the bottom side it has an aluminum shielding and finally the product is PU potted.

See exhibits 9\_Internal photographs and exhibit 10\_External Photographs for photos of the VP6012 antenna.

Best regards,  
TÜV Rheinland EPS B.V.



R. van der Meer  
Test Engineer