

# CETECOM ICT Services GmbH

## EC Identification Number 0682

authorized by the German Government



Bundesnetzagentur

BNetzA-bS-02/51-52

to act as Notified Body in accordance with the R&TTE Directive 1999/5/EC of 9. March 1999.

### EXPERT OPINION

Registration-No.: **E815354V-EO**

Certificate Holder: **Merten GmbH & Co. KG**  
**Fritz-Kotz-Straße 8**  
**51674 Wiehl-Bomig**  
**Germany**

Product Designation: **Connect Typ 5024xx, 5034xx and 5044xx**

Product Description: **Short Range Devices**  
**(transmitter)**

Product Manufacturer: **Merten GmbH & Co. KG**  
**Fritz-Kotz-Straße 8**  
**51674 Wiehl-Bomig**  
**Germany**

Essential requirements	Specifications / Standards	Submitted documents	Result
EMC (R&TTE, Article 3.1b)	EN 301 489-1 V1.6.1 (2005-09) EN 301 489-3 V1.4.1 (2002-08)	Test Reports	conform
Radio spectrum (R&TTE, Article 3.2)	Draft EN 300 220-1 V2.2.1 (2008-04) Draft EN 300 220-2 V2.2.1 (2008-04)	Test Report	conform

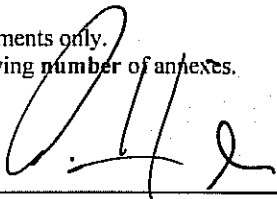
Marking: The product shall be marked with CE and our notified body number as shown right hand.

# CE 0682

The scope of this evaluation relates to the submitted documents only.  
The certificate is only valid in conjunction with the following number of annexes.

Number of annexes: **1**

Saarbrücken, 2008-05-30  
Place, Date of Issue

  
Signed by Ernst Hussinger  
Notified Body



**Product Characteristics:**

Transmitter for remote control applications

Frequency Range : 868.0 – 868.6 MHz

Operation Frequency : 868.420 MHz

RF Power Output (ERP) : ≤ 1 mW

Type of Modulation : 2-FSK

RF-Channel : 1

Channel Separation : Wideband (> 25 kHz)

Duty Cycle : < 0.1%

Antenna : integrated antenna

Operating Temperature Range : 0 °C to +55 °C

**Conformity Details:**

Evaluated test reports	
Requirement	Standard, test report number, date & laboratory
EMC	EN 301 489-1 V1.6.1 (2005-09) EN 301 489-3 V1.4.1 (2002-08)  Test Report 1-0495-01-03/08 issued 2008-05-05 by CETECOM ICT Test Report 07M324 issued 2007-07-31 by Merten FEE-Prüflabor
Radio spectrum	Draft EN 300 220-1 V2.1.1 (2006-04) Draft EN 300 220-2 V2.1.1 (2006-04)  Test Report 1-0495/08-01-02 issued 2008-04-30 by CETECOM ICT

**Miscellaneous:**

- TCF according to the application

\*\*\*\*\*