



MADE IN GERMANY

Opladener Str. 202 D-40789 Monheim am Rhein

**component** RRS24F-S1  
**identnumber** 590-101 / 60000  
**year** 2009

**speed** 20 km/h to 250 km/h  
**temperature** -20 °C to 60 °C  
**beam angle** 0°

**FCC ID** W8Q-RRS24-F-S1-M1

This device complies with part 15 of the FCC Rules.  
Operation is subject to the following conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.



590101\_US\_01\_01



MADE IN GERMANY

Opladener Str. 202 D-40789 Monheim am Rhein

**component** RRS24F-S1  
**identnumber** 590-107 / 60000  
**year** 2009

**speed** 20 km/h to 250 km/h  
**temperature** -20 °C to 60 °C  
**beam angle** 20°

**FCC ID** W8Q-RRS24-F-S1-M1

This device complies with part 15 of the FCC Rules.  
Operation is subject to the following conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.



590107\_US\_01\_01

**robot**

DEUTSCHE ROBOTER GESSELLSCHAFT  
GMBH & CO. KG  
ROBOTER MÜLLSORTIER- UND  
-ENTSORGUNG

component RRS24F-S1/20\*  
number 590-107 / 61226  
year 2010  
speed 20 km/h to 200 km/h  
temperatures -40 °C to +60 °C  
driving angle 20°  
FCC ID 2AB22A F 31 M00

Made in Germany  
CE

**robot**  
GMBH & CO. KG  
RRS24F-S1/20\*  
590-107 / 60175

Year of manufacture: 2008

Country: Germany	CE mark: Yes
Country: Germany	CE mark: Yes
Country: Germany	CE mark: Yes

24.1 GHz

CE

20°

RRS24F-SYS  
81A



RENAUP LTD. ROBOT SYSTEMS  
Opelstrasse 200  
80339 Muenchen am Staffen  
Germany

component RRS24F-S1/20°

MADE IN GERMANY

number 590-107 / 61226

year 2010

speed 30 km/h to 250 km/h

temperature -30 °C to 50 °C

beam angle 30°

590-107 EN 01 02

FCC ID WRO-RRS24F-S1-MOD

This device complies with part 15 of the FCC Rules. Operation is subject to the following conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.



RRS24F-S1/20°  
590-107/60175

Year of manufacture: 2008

max. range	20 km/h to 250 km/h
perim. sensor	v < 100 km/h: 23 km/h v > 100 km/h: 37%
temp. range	-10°C to 60°C

24.1 GHz



20°

MADE IN GERMANY

24FS1\_SYS  
81A