



# Fraunhofer

## TESTED<sup>®</sup> DEVICE

igus GmbH  
Cleanroom e-chain CRC  
Report No. IG 1311-677

### Qualification Certificate

This is to certify that the product mentioned above, provided by

**igus GmbH**  
Cologne, Germany

has been awarded a Fraunhofer certificate TESTED DEVICE bearing the report number IG 1311-677.

The cleanroom e-chain CRC (CRC.E6.29.040.01.0) is suitable for use in cleanrooms fulfilling the following Air Cleanliness Class according to ISO 14644-1:

Velocity	Air Cleanliness Class
$v_1 = 0.5 \text{ m/s}$	1
$v_2 = 1.0 \text{ m/s}$	1
$v_3 = 2.0 \text{ m/s}$	1
Overall result	1

Detailed information and parameters of the test environment can be found in the Fraunhofer IPA test report.

Stuttgart, December 10, 2013

i.A.   
Project manager

DUPLICATE

The validity of this certificate applies only to the mentioned product in this particular condition for a duration of 5 years.

Further information:  
[www.tested-device.com](http://www.tested-device.com)