



valid until: August 15, 2030

Fraunhofer

TESTED[®] DEVICE

SCHUNK SE & Co. KG
SLD 11

Report No. SC 2507-1649

Single product
Particle Emission
in Cleanroom
(atmospheric)

Qualification Certificate

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

SCHUNK Electronic Solutions GmbH
St. Georgen, Germany

has been awarded a Fraunhofer certificate TESTED DEVICE
bearing the report number SC 2507-1649.

The linear direct axis SLD 11 was assessed in compliance with
ISO 14644-14. It is suitable for use under the specified test
parameters (room temperature: $22^{\circ}\text{C} \pm 0.5^{\circ}\text{C}$; relative humidity:
 $45\% \pm 5\%$) in cleanrooms of the following Air Cleanliness Clas-
ses according to ISO 14644-1:

Test parameter(s)	Air Cleanliness Class
$v_1 = 6,000 \text{ mm/min}$	4
$v_2 = 30,000 \text{ mm/min}$	5
$v_3 = 60,000 \text{ mm/min}$	6
Overall result	6

Please note: Transport damages, incorrect installation, lubricant
leakage, aging behavior, corrosion etc. can influence the test
result.

SC 2507-1649
Report No. first document

Stuttgart, August 15, 2025
Place, date of first document issued

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Report No. current document

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Place, current date

on behalf of 
Dr.-Ing. Frank Bürger, head of business unit Testing and Certification

This document only
applies to the named
product in its original state
and is valid for a period of
5 years from the date the
first document was issued.
The document can be
verified under
www.tested-device.com.

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



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IPA