

Customer service

Please contact us if you have any questions, comments or suggestions.

You can contact us:

Monday – Friday
8:00 a.m. – 3:00 p.m.

Contact us at:

Address: Langer EMV-Technik GmbH
Nöthnitzer Hang 31
01728 Bannewitz
Germany

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E-mail: sales@langer-emv.de
Phone: +49 (0) 351-430093-0
Fax: +49 (0) 351-430093-22

Calibration

We recommend having the product calibrated every two years by the manufacturer Langer EMV-Technik GmbH or by a service partner.

Declaration of Conformity

Manufacturer:
Langer EMV-Technik GmbH

Nöthnitzer Hang 31
01728 Bannewitz
Germany

Langer EMV-Technik GmbH herewith declares that the

P1202-2 ESD set, ESD Magnetic Field Coupling including
BPS 203, P1202-2, BPM 02

conforms with the following relevant regulations:

- EMC Directive 2014/30/EU
- Low-Voltage Directive 2014/35/EU
- Restriction of certain Hazardous Substances 2011/65/EU

The following applicable standards were used to implement the requirements specified by the aforementioned directives:

- DIN EN IEC 61000-6-1:2019-11 (EMC immunity)
- DIN EN IEC 61000-6-3:2022-06 (EMC emission)
- DIN EN 61010-1:2020-03 (Safety)
- DIN EN IEC 63000:2019-05 (Restriction of hazardous substances)

Name of the person authorized to compile the technical documentation:

Katja Langer
Bannewitz, 2026-05-20
Signature:



K. Langer, CEO



P1202-2 ESD set ESD Magnetic Field Coupling



Scan Now User Manual:

P331 set



[https://www.langer-emv.de/
downloads/P1202-2_set](https://www.langer-emv.de/downloads/P1202-2_set)

BPS 203



[https://www.langer-emv.de/
downloads/BPS_203](https://www.langer-emv.de/downloads/BPS_203)

Safety instructions

When using a product from Langer EMV Technik GmbH, please observe the following safety instructions to protect yourself from electric shock or the risk of injuries.

Read and follow the user manual and keep them in a safe place for later consultation. The device may only be used by personnel who are qualified in the field of EMC and who are fit to work under the influence of disturbance voltages and (electric and magnetic) ESD fields.

- Observe the operating and safety instructions for all devices used in the set-up.
- Never use any damaged or defective devices.
- Carry out a visual check before using a measurement set-up with a Langer EMV-Technik GmbH product. Replace any damaged connecting cables before starting the product.
- Never leave a product from Langer EMV-Technik GmbH unattended whilst this is in operation.
- The Langer EMV-Technik GmbH product may only be used for its intended purpose. Any other use is prohibited.
- People with a pacemaker are not allowed to work with this device.
- The test set-up should always be operated via a filtered power supply.
- **Attention! Functional near fields and interference emissions may occur when the field source is operated. The user is responsible for taking precautions to prevent any interference of the correct function of products outside the operational EMC environment (in particular through interference emissions).**
 - This can be achieved by:
 - observing an appropriate safety distance,
 - use of shielded or shielding rooms.
- **The disturbance field is generated in the field chamber of the field source when operating the test bench. Make sure that the field chamber is not be opened during the test for safety reasons. The field source may only be operated with the field chamber closed by the spacer ring and ground plane.**

We cannot assume any liability for damage due to improper use.

- The disturbances that are injected into the modules can destroy the device under test (latch-up) if their intensity is too high. Protect the device under test by:
 - connecting a protective resistor in the IC's incoming power supply
 - increasing the disturbance gradually and stopping when a functional fault occurs,
 - interrupting the power supply to the device under test in the event of a latch-up.
- **Attention! Make sure that internal functional faults are visible from outside. The device under test may be destroyed due to an increase in the injection intensity if the faults are not visible from outside. Take the following measures as necessary:**
 - monitor representative signals in the device under test with optical sensors
 - special test software
 - visible reaction of the device under test to inputs (reaction test of the device under test).

We cannot assume any liability for the destruction of devices under test!

Warranty

Langer EMV-Technik GmbH shall remedy all defects attributable to material or manufacturing faults within the statutory warranty period by repairing the product or supplying replacement parts.

This guarantee is only granted on condition that:

- the information and instructions in the operating instructions are observed.

The guarantee expires if:

- an unauthorized repair is carried out on the product
- the product is modified
- the product is not used as intended



Information on Recycling and Disposal

In accordance with the WEEE Directive 2012/19/EU (Waste Electrical and Electronic Equipment), the following must be observed:

At the end of its service life, this product should be taken to a suitable disposal facility for recycling and disposal. Do not dispose of with household waste.

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https://www.langer-emv.de/downloads/P1202-2_set

BPS 203



https://www.langer-emv.de/downloads/BPS_203