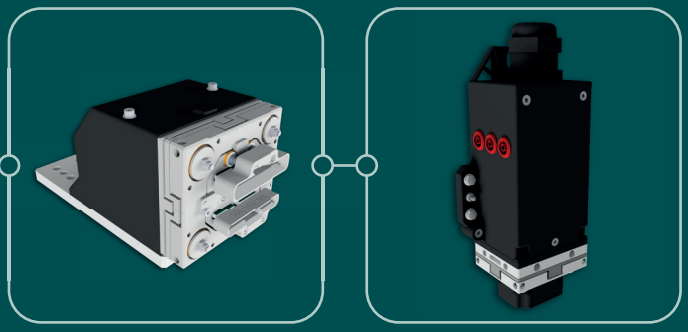
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AUTOMATION

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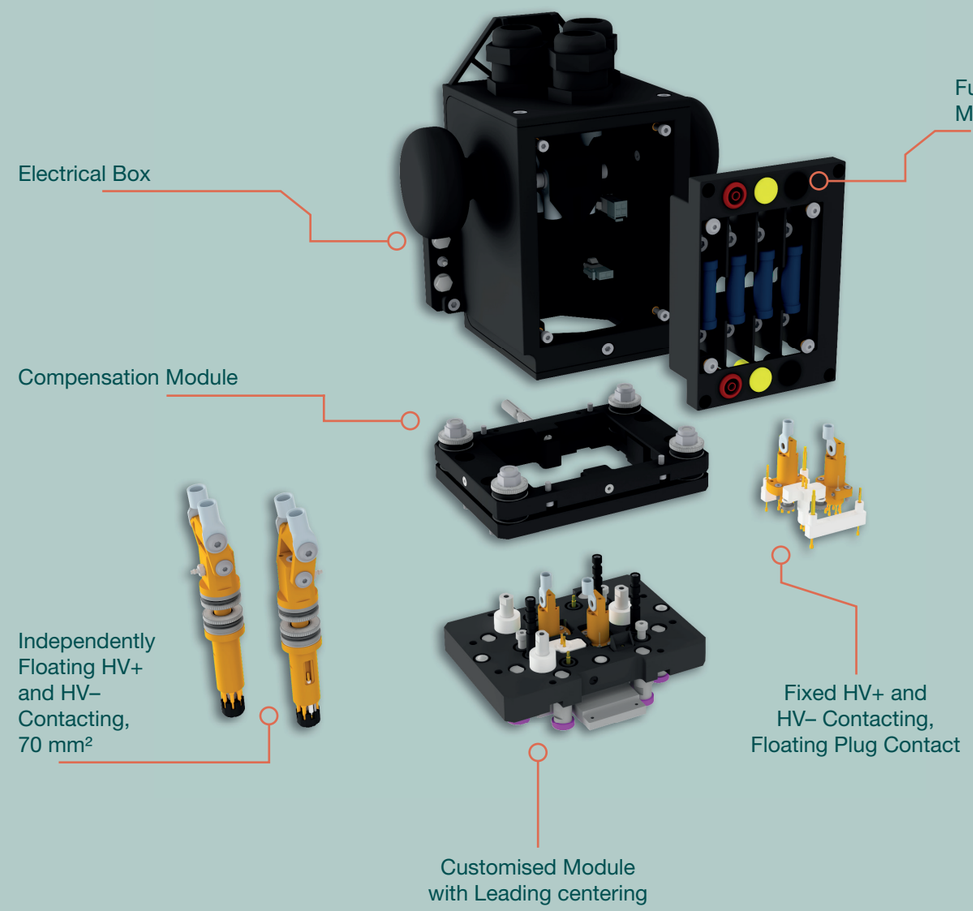
# MODULAR CONTACTING SYSTEM

Our modular contacting systems provide reliable solutions – from laboratory applications through to series production. Flexible, precise and designed to meet the most demanding requirements, they cover all relevant applications: high-voltage contacting for power applications, low-voltage contacting for reliable signal transmission, and FPC contacting for flexible printed circuits. This enables efficient testing processes and seamless integration into series production.

## HV CONTACTING

The individual adapters can be freely configured to meet specific customer requirements. Thanks to the modular design, the contacting solution can be implemented using the same adapter, from the prototype stage right through to series production.






**Example configuration:**

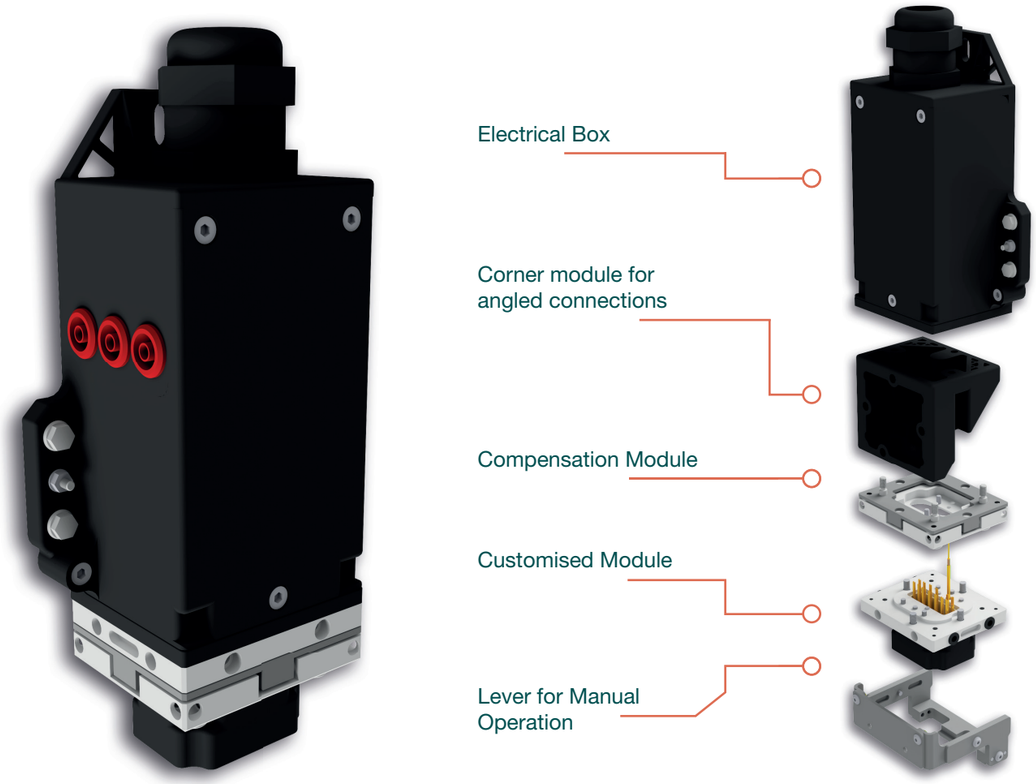
- Dimensions: 210 mm x 135 mm x 250 mm
- Weight: 4.75 kg without cable harness
- Current Rating: 300 A continuous load
- Voltage Resistance: 3.000 V
- Tolerance Compensation: X and Y axis: ±2 mm
  2 mm angular compensation
  Additional ±1.7 mm for HV+ and HV–
- Continuous temperature monitoring for HV+ and HV–
- Air cooling
- Fuse module with measurement taps
- Leading alignment with contact protection
- Two safety contacts integrated into the system protection circuit
- Ball-bearing guides

AUTOMATION baumann

# LV CONTACTING

Similar modular design to the HV contacting system.
Available in Standard and Lean versions.

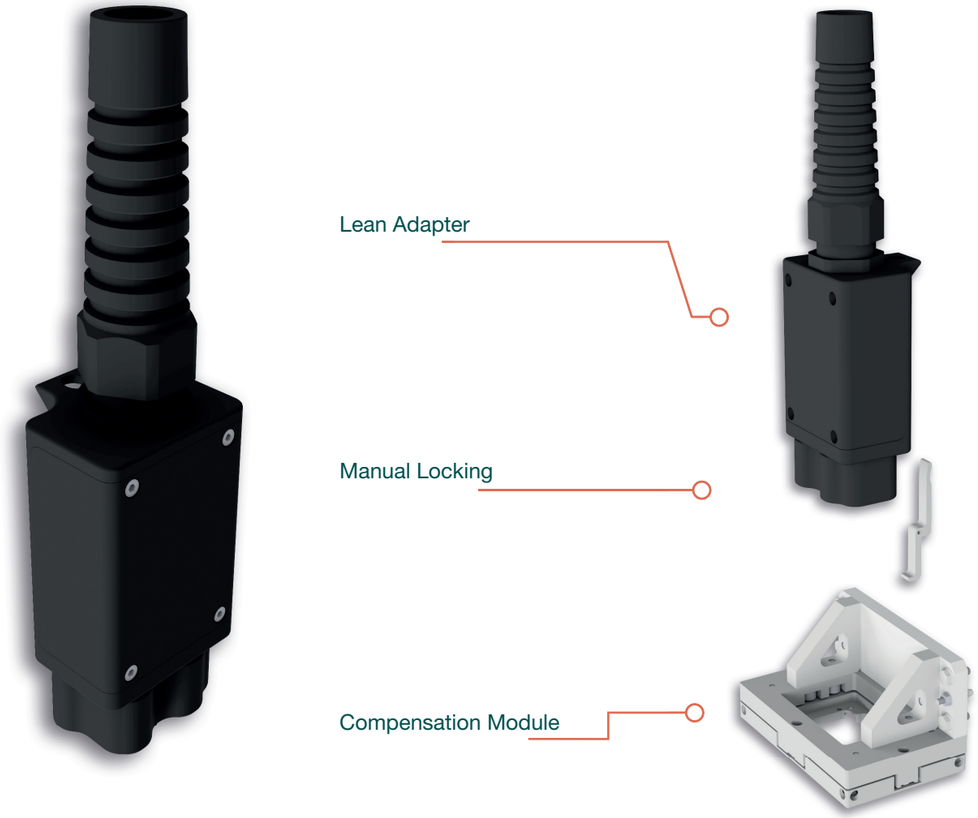
## LV STANDARD




**Example configuration:**

- Dimensions: 100 mm x 70 mm x 200 mm
- Weight: 0.75 kg without cable set
- Tolerance Compensation: X and Y axis: ±1.5 mm
  1 mm angular compensation
- Integrated measurement taps on the Standard version
- Leading alignment with contact protection
- One safety contact integrated into the system safety circuit

## LV LEAN

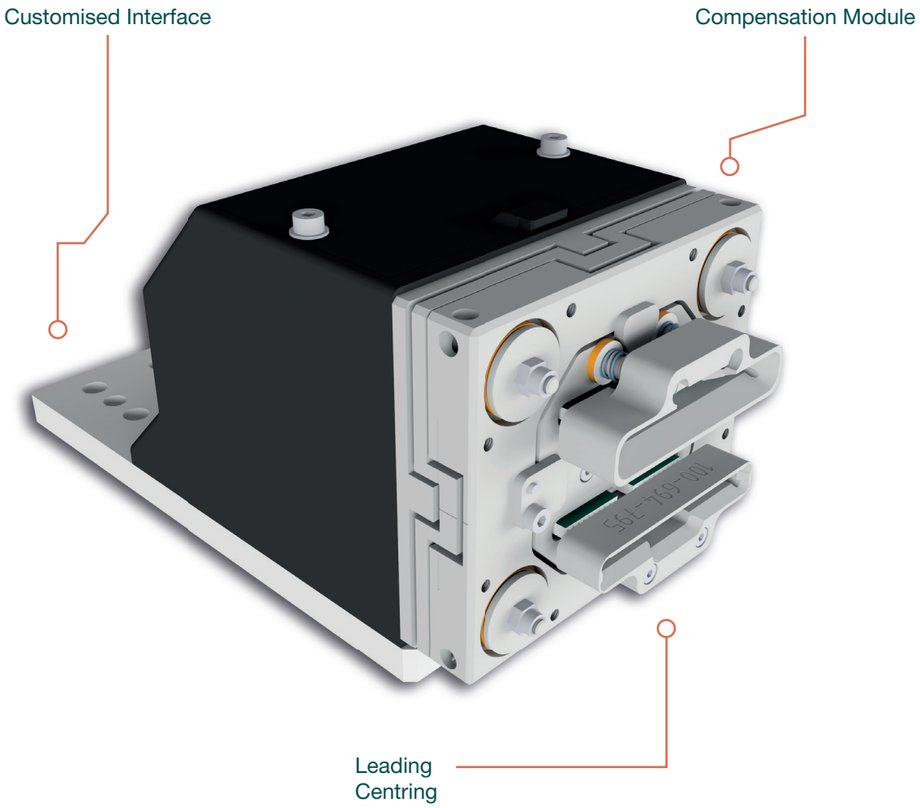



**Example configuration:**

- Dimensions: 60 mm x 44 mm x 114 mm
- Weight: 0.4 kg without cable set
- Tolerance Compensation: X and Y axis: ±1.5 mm
  1 mm angular compensation
- Integrated measurement taps (in the Standard version)
- Leading alignment with contact protection
- One safety contact integrated into the system safety circuit
- Switching contact pin

# FPC CONTACTING

The contacting system is designed for automated operation. Depending on the customer‘s product configuration, the component is automatically fed into the relevant contacting unit, for example by a robot.




**Example configuration:**

- Dimensions: 175 mm x 80 mm x 80 mm
- Weight: 2 kg without cable set
- Tolerance compensation via ball-bearing support: X and Y axis: ±1.5 mm
  2 mm angular compensation
- Damage-free contacting via spring elements
- Easy maintenance thanks to easily accessible and pluggable contacting system

## BAUMANN DELIVERS COMPLETE SOLUTIONS – FROM TESTING TECHNOLOGY TO CONTACTING SYSTEMS!



**Baumann MTS**

**baumann-automation.com**

**@Baumann GmbH**

**@baumannautomation**

**CONTACT**
Baumann GmbH • Oskar-von-Miller-Str. 7 • D-92224 Amberg
Tel.: +49 9621 6754-0 • info@baumann-automation.com
EN-1.1

