Special Contactings

Highlights

- mechanical solid and persistent design
- two- or four-wire-contactings
- high-current contactings
- special solutions for the manual contacting
- special solutions for automatic production lines
- contactings for handling systems
- swingingly installed Kelvin clamps for a position-tolerant automatic contacting
- springy contact pins in two- and four-wire-technology
- motor terminal board plugs in two- and four-wire-technology
- quick change of consumables

contacting of contact pins via Kelvin clamps

contacting with pneumatic Kelvin clamps

Special contactings

One of SCHLEICH's special strength lies in the mechanical adaption of test objects and their special contactings. The tester and the mechanics are manufactured according to your test task's requirements. For this we often use very small, pneumatically controlled Kelvin clamps or springy contactings of our modular kit.

The contactings are directly designed at our 3D-CAD-working stations at our site. Modern CNC-machines in our mechanics department guarantee the production of professional and favorably-priced components.

simple contacting on a pallet

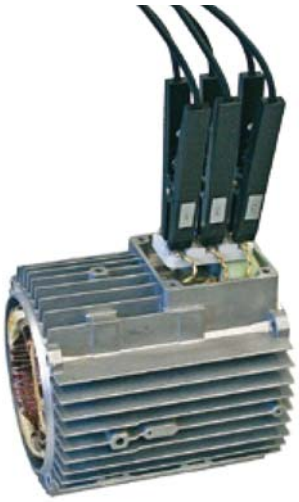
special solution of a lead contacting

Motor terminal board plugs

Every motor manufacturer knows the problem of the time-consuming contacting of a motor terminal board. But the motor cannot be tested without a corresponding contacting. In order to save a lot of time here SCHLEICH has different contacting methods in its product range.

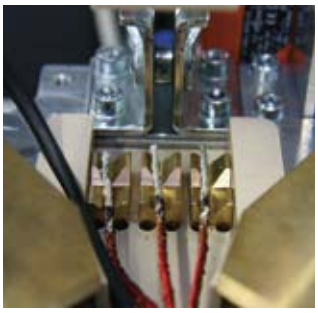
To achieve a more user-friendly and time-consuming contacting of the motor terminal board we developed a special motor terminal board plug which spans each threaded pin of the motor terminal board with collet chucks and thus contacts it safely. After having connected the plug to the bolts of the terminal board a clamping lever locks the collet chucks. The enclosure contactings are also integrated in our motor terminal board plugs.

We manufacture our terminal board plugs for any quantity of connecting bolts as well as for different dimensions. For the exact measurement of very low resistances we provide motor terminal board plugs also in four-wire-technology which is unique in the world.



loose motor terminal board
Kelvin clamps

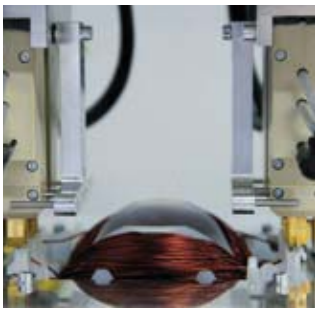
motor terminal board plug in
two- or four-wire-technology



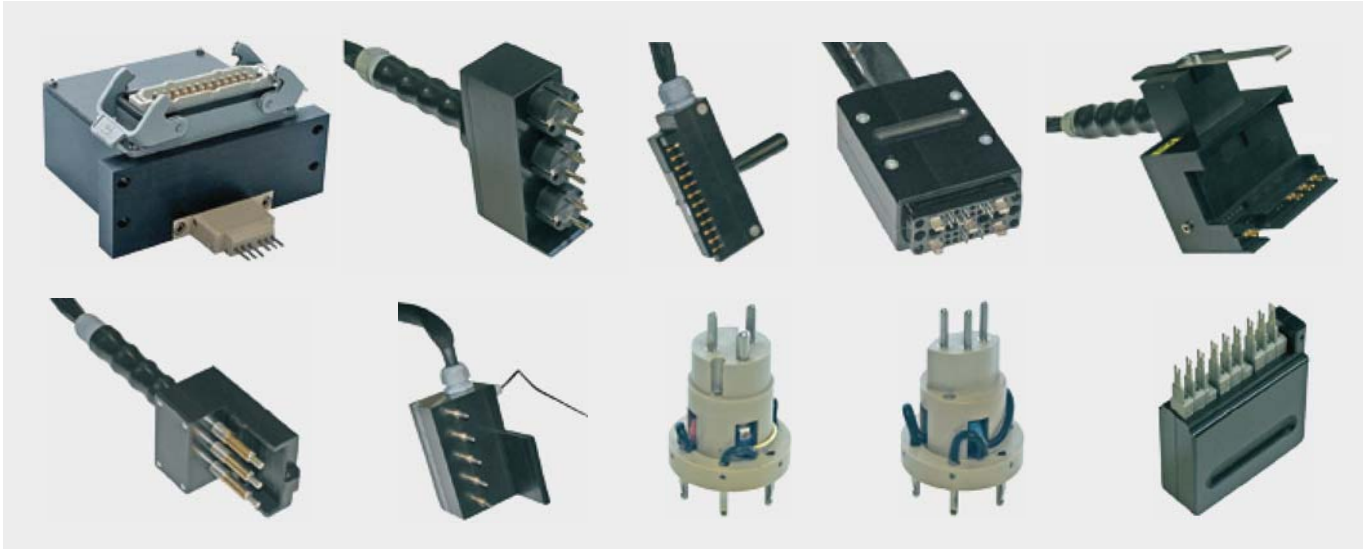
contacting of motor connecting strands with centering prisms

contacting of a test object from above

contacting of a PCB with springy contact pins



contacting of contact pins with Kelvin clamps



contactings of different kinds of clamps and plugs