



VERO-S NSE-E mini 90

24 V-Technology with minimum Energy Requirements

Superior Clamping and Gripping



VERO-S NSE-E mini 90

General information

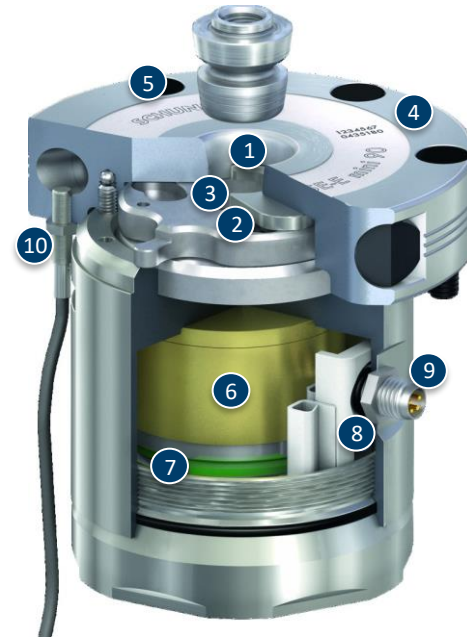
- SCHUNK modular system
- Electromechanical drive
- All modules are operated with 24 V direct voltage
- Positioning via short taper
- Patented dual stroke system
- Form-fit, self-retained locking
- Corrosion-free stainless steel design
- A consistent clamping pin size fits for all NSE-E mini-modules
- Inductive clamping slide monitoring



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Functional diagram

- ① High-precision short taper centering
- ② Patented dual stroke system
- ③ Large surfaces
- ④ Large flat surface
- ⑤ Cover caps for fastening screws
- ⑥ Gear
- ⑦ Electric motor
- ⑧ Integrated electronics
- ⑨ 4-pin connection
- ⑩ Inductive proximity switches



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Highlights



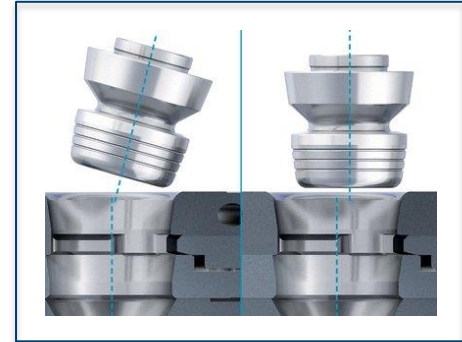
Centering via short taper

The precise short taper centering combined with the form-fit and self-retaining locking characterizes the SCHUNK quick-change pallet system.



Locking via clamping slides

Large contact surfaces between clamping slides and clamping pin ensure a low surface pressure, resulting in a long service life.



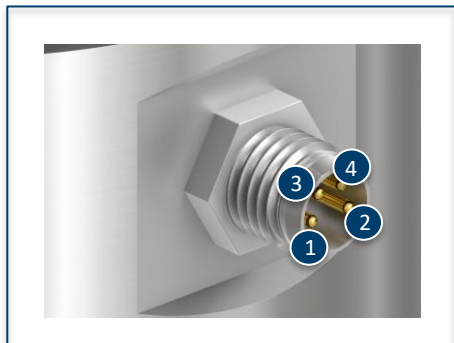
Simple joining – incredibly user-friendly

Entry radii on the clamping pin enable quick and safe joining even at a tilt angle and eccentricity.

Benefit: more user-friendly for manual and automated loading.

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Highlights



Control of the quick-change pallet system

The module is controlled via a 4-pin connection on the side. Using 24 V direct voltage, a brushless DC motor is actuated, which in a turn operates the module via a gear. → fluid-free actuation

- 1 +24V
- 2 Mass
- 3 Open module
- 4 Close module



Monitoring of the clamping slide position

For the IN-variants, the position of the clamping slide may be monitored via two inductive proximity switches. This monitoring ensures maximum process reliability with daily use of the NSE-E mini 90 modules.



Made of stainless steel – long service life

All functional components are made of hardened stainless steel.

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