PNEUMATIC GRIPS

Pneumatic Grip Accessories and Foot Switches

Foot and hand switches, pressure regulators, compressor and safety system for pneumatic grips



OVERVIEW

Accessories for operating pneumatic grips safely and conveniently. Foot pedals and hand switches open and close the jaws, with or without a locking function, while pressure regulators set the clamping force. A silent laboratory compressor, a pressure booster, high-temperature tubing and a two-stage safety system complete the range.

KEY FEATURES

- Foot pedals in non-locking and locking versions
- Micro hand switches mount directly on the grip
- Pressure regulator adjusts clamping pressure from 1 to 16 bar
- Analog regulator changes pressure during the test via 0-10 V
- Two-stage safety system protects fingers when closing grips
- Silent 38 dB(A) compressor for laboratory use

TECHNICAL SPECIFICATIONS

Foot switches	Pair, non-locking or locking, max. 10 bar; 3/2 or 5/2 valve
Hand switches	Unit with locking function, max. 16 bar
Micro hand switches	M5 or 1/8 in connection, 3/2 valve, mounted on grip, max. 16 bar
Pressure regulator	1-16 bar manual; analog 0-10 V = 0-10 bar
Compressor	Max. 16 bar, 17 l/min, 3.5 l tank, 38 dB(A), 230 V/50 Hz, approx. 18 kg
Pressure booster	Piston pump up to 28 bar, ratio 1:4, soundproofed
Safety system	2 foot pedals, 2 hand buttons, electric box; 220 V, 10 bar
High-temperature tubing	Teflon tube Ø 3 mm, up to 250-280 °C

AVAILABLE VERSIONS

Foot switches, non-locking	Jaws open while pedal is pressed; for single-action grips
Foot switches, locking	Press once to open, again to close
Foot switches, 5/2 valve	For double-action grips without spring
Micro hand switches M5 / 1/8 in	Pair, direct mounting on grip
Pressure regulator	Manual 1-16 bar or analog 0-10 V
Silent compressor	16 bar, 17 l/min, 38 dB(A)

APPLICATIONS

- Pneumatic grip operation
- Operator safety
- Laboratory air supply
- Temperature chamber testing

Ordering & customization: Specify the grips to be operated (single- or double-action, M5 or 1/8 in connection), the switch type and locking function, and any regulator, compressor or safety system required.

Dimensional drawings
See page 2. Certified drawings and 3D models available on request.

Specifications are typical and may vary by configuration; confirm at time of quote. Custom versions, couplings and adapters available on request. Part ref. UGC-PG-060

Pneumatic Grip Accessories and Foot Switches

DIMENSIONAL DRAWINGS

FIG. 1

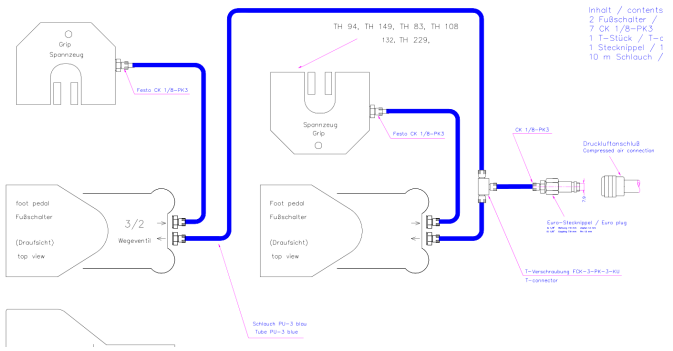


FIG. 2

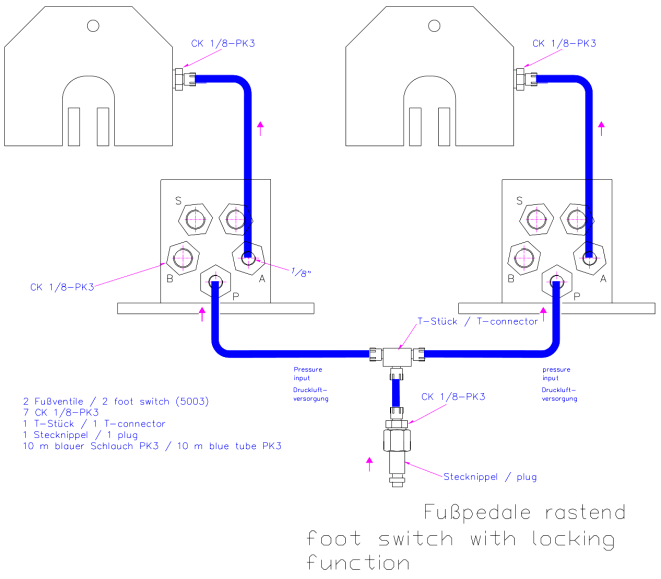


FIG. 3

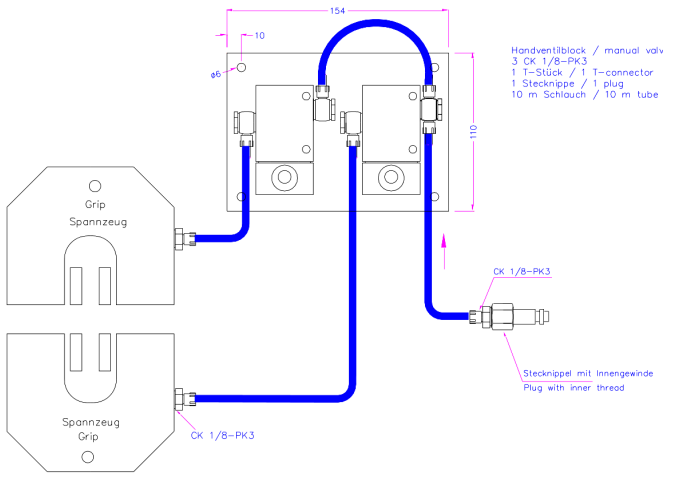
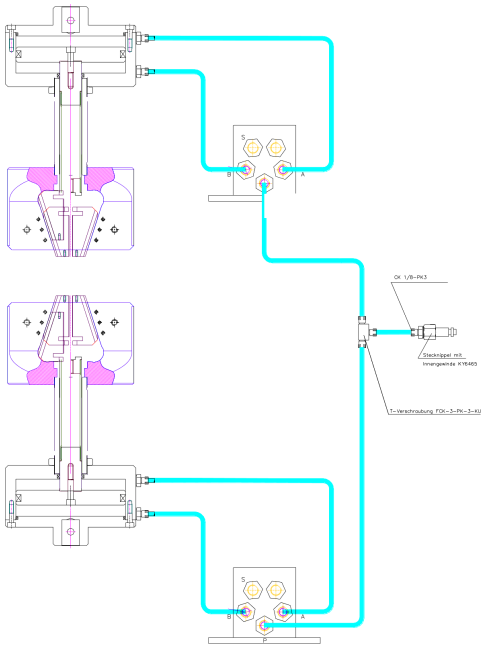


FIG. 4



Dimensions in mm. Drawings are representative of the product family and may show optional versions or accessories; dimensions are for reference only and may change without notice. Certified dimensional drawings and 3D models are available on request.