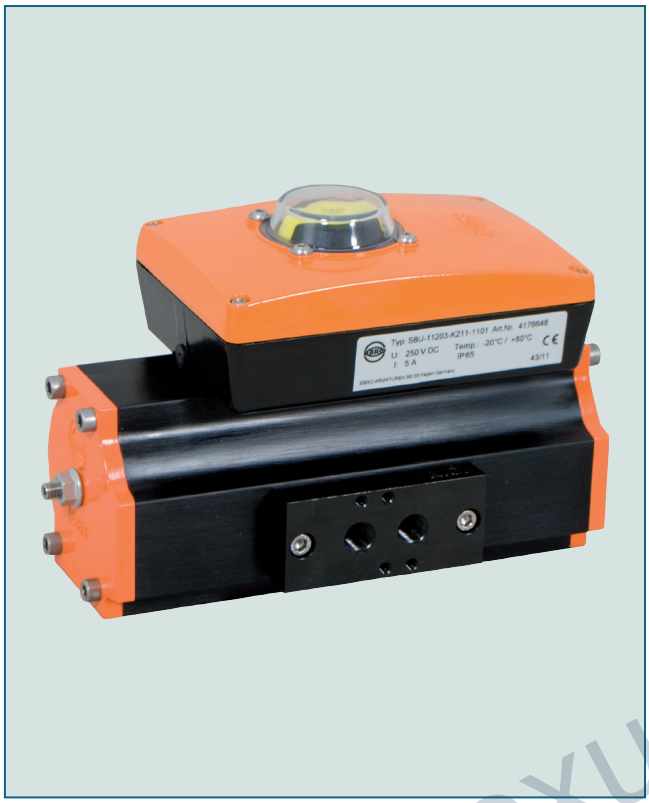
SWITCH BOX SBU



Double-acting pneumatic actuator with SBU-switch box directly mounted.

TECHNICAL DATA

Body:	Aluminium (powder coated)
Sealing:	NBR (Silicone on request)
Connection:	Colour coded spring type terminals 2,5mm²
Protection class:	IP 65, IP 67 and IP 68 to EN 60529
Temperature range:	Standard -20°C to +70°C Special design on request
Screws:	Stainless steel
Sensors:	2 or 3 microswitches 2 or 3 V3 proximity switches 2 proximity switches M12 or M8
Adjustment range:	max. three control switches, adjustable within 240°
Solenoid valve:	max. 2 inductors

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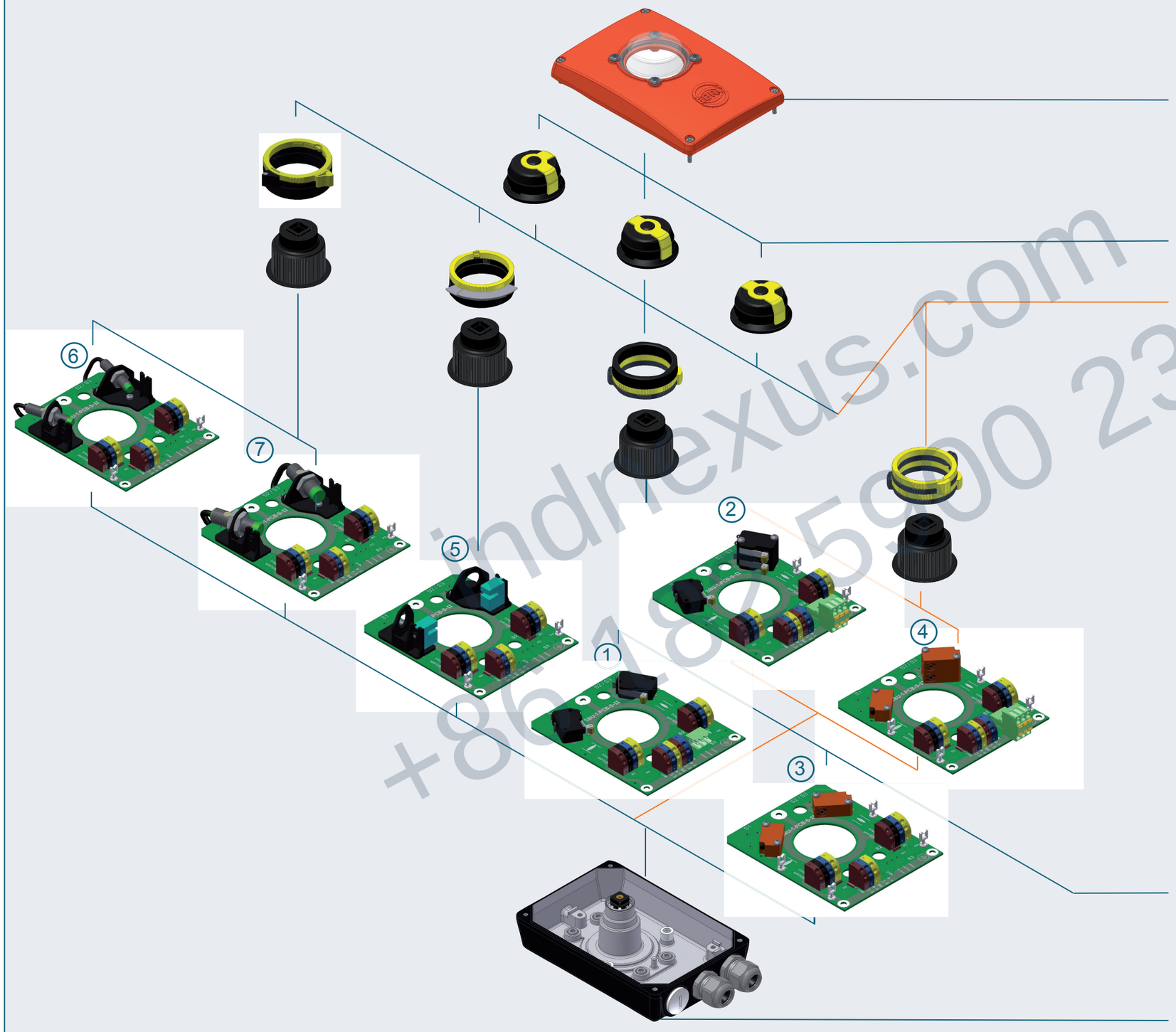
FEATURES

- Direct mounting acc. to VDI/VDE 3845 (EB4.1 - EB12.1)
- Bracket mounting possible
- Compact dimensions
- The operating voltage for microswitches is selectable with isolated changeover contacts
- The aluminium body protects against mechanical damages
- Cover attachment with captive screws
- Separate terminal boards for sensors and solenoid valves
- Colour coded 2-pole spring-type terminals
- Labelling of clamping units of the circuit board
- Terminal diagram within the cover
- Connection of a third switch and of a solenoid valve with two inductors (optional)
- 360° position indicator
- Switches are contacted directly on the circuit board
- Sensors are connected via spring-type terminals and can be replaced separately



Optional:
Switch box with diaphragm for ventilation and plug-in connection (pic. below).

MODULAR DESIGN SBU



Robust aluminium cover with sight glass and captive screws.

Visible position indicator for on/off valves as well as for valves with L- or T travel movement.

Variable shaft construction with switch cams adjustable to 240°.
Standard version: 90°.

Circuit board options with following assemblies:

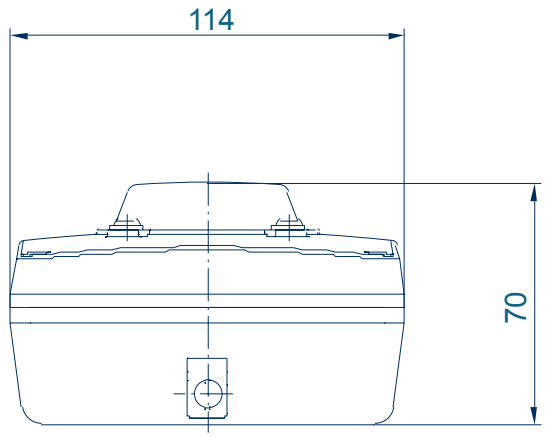
1. Two microswitches (open/closed), a double terminal block (4-poles) and a 3-pole terminal block for a solenoid valve.
2. Three microswitches (open/closed and a mid position) with one double terminal block (3- and 4-poles) and a terminal block to connect a solenoid valve.
3. Two V3-proximity switches (open/closed) , 4-pole double terminal block and a 3-pole double terminal block for a solenoid valve.
4. Three V3-proximity switches (open/closed/mid position), a 3- or 4-pole double terminal block a, a 5-pole double terminal block for a double inductor solenoid valve.
5. Two slot indicators (open/closed, end position alive or dead), a 4-pole double terminal block and a 3-pole double terminal block for a solenoid valve.
6. Two M8 round proximity switches (open/closed) , a 4-pole double terminal block and a 3-pole double terminal block for a solenoid valve.
7. Two M12 round proximity switches (open/closed) , a 4-pole double terminal block and a 3-pole double terminal block for a solenoid valve.

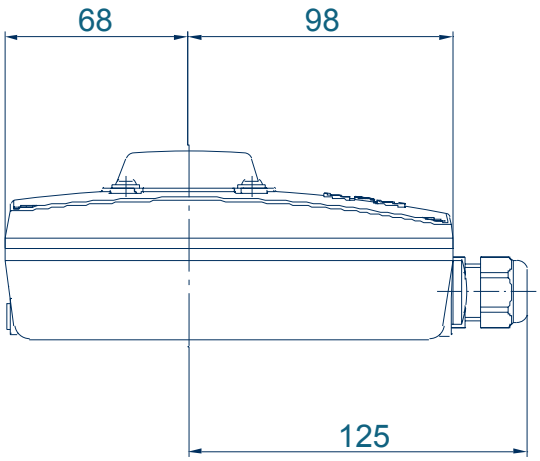
The basic circuit board can be assembled with microswitches or proximity switches in different forms: V3, cylindric or slotted. Colour coded spring terminals (separated for sensors and solenoid valves) ensure a safe and correct wiring. Bridging of supply voltage for sensors and solenoid valves on request.

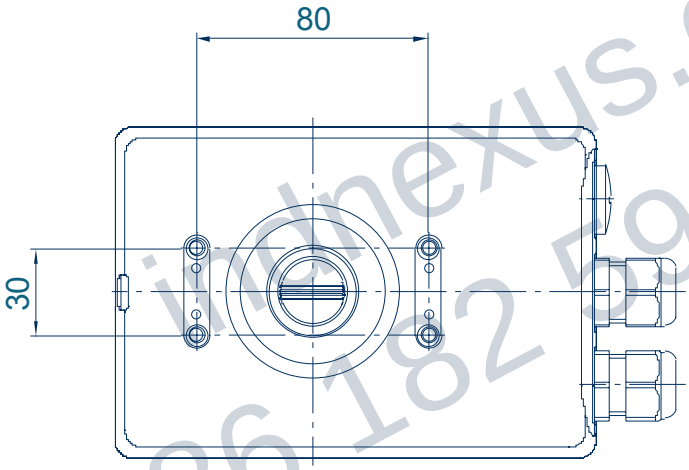
The bottom section of the switch box is directly mounted on the actuator. Three gland openings allow a large variety of connection.

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Subject to changes without notice.

EBRO ARMATUREN

www.ebro-armaturen.com
post@ebro-armaturen.com

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