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 2,5mm ²
Protection class:	IP 65, IP 67 and IP 68 to EN 60529
Temperature range:	-20°C to +85°C
Screws:	Stainless steel
Sensors:	2 or 3 microswitches2 or 3 V3 proximity switches2 proximity switches M12 or M8
Adjustment range:	max. three control switches, adjustable within 240°
Solenoid valve:	max. 2 inductors

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:

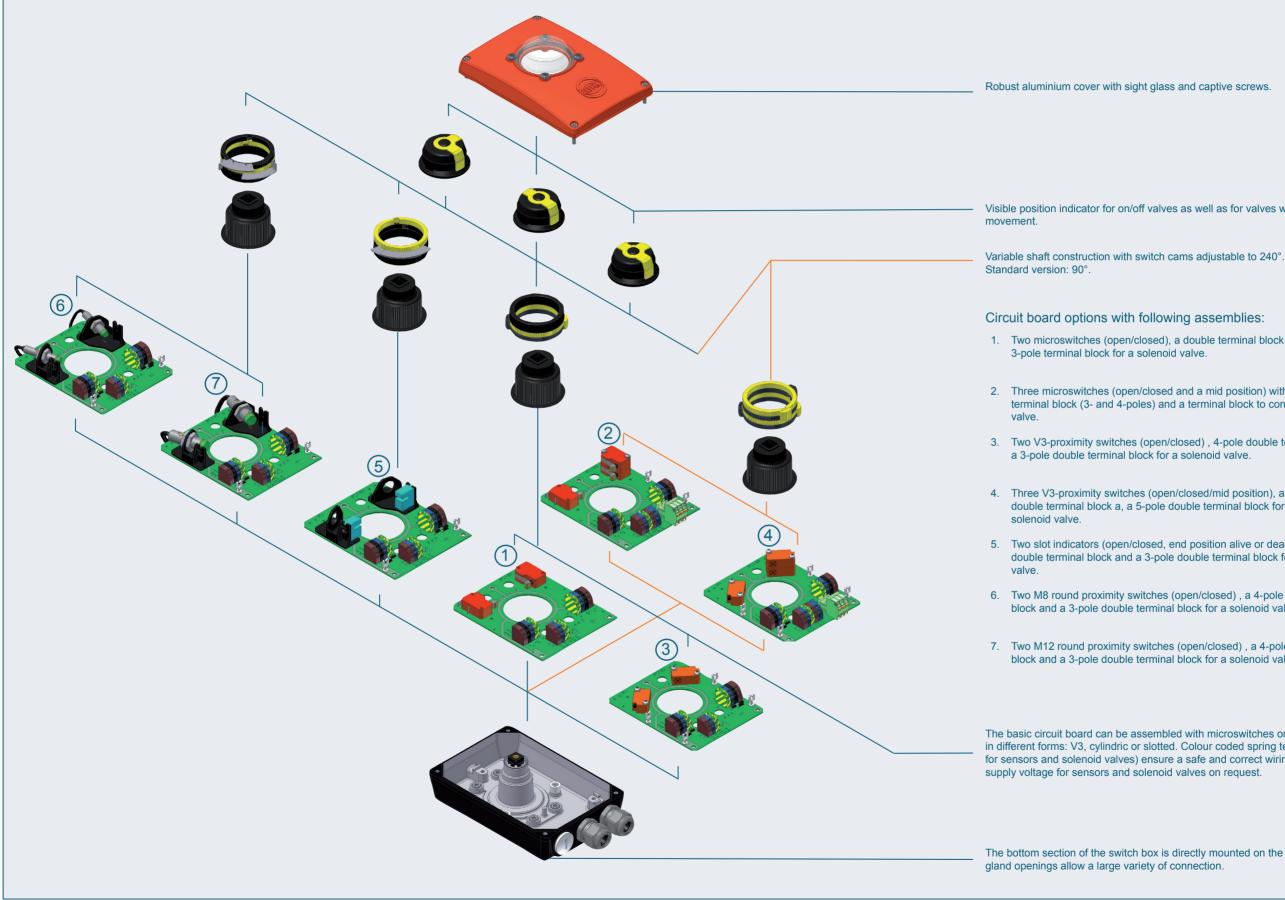
Switch box with diaphragm for ventilation and plug-in connection (pic. below).

SBU





MODULAR DESIGN SBU





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

1. Two microswitches (open/closed), a double terminal block (4-poles) and a

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

3. Two V3-proximity switches (open/closed), 4-pole double terminal block and

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

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

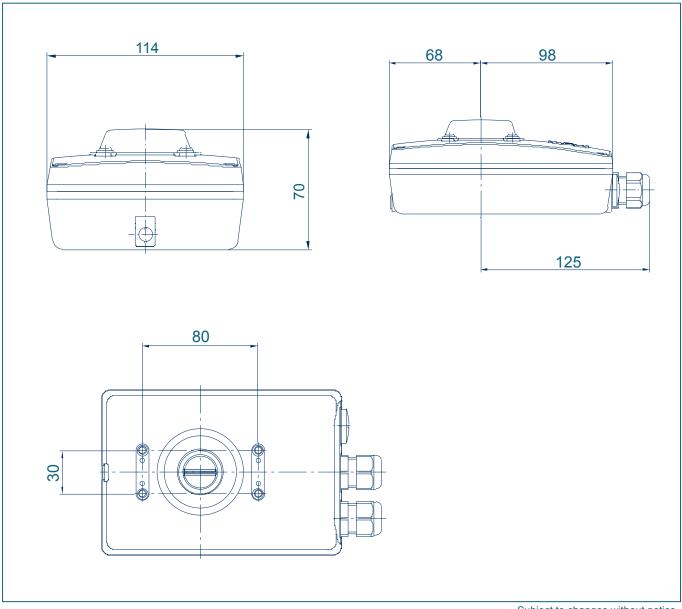
6. Two M8 round proximity switches (open/closed), a 4-pole double terminal block and a 3-pole double terminal block for a solenoid valve.

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

The bottom section of the switch box is directly mounted on the actuator. Three

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Subject to changes without notice.



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