



Limit Switch Box SRBK



Highlights

- Weatherproof PA housing for outdoor use certified to IEC60654-1
- Many switch variants for almost all areas of application
- UL94 – V0 fireproof
- cCSAus Listed, General Purpose
- SIL2 according to IEC 61508
- Two cable inputs for common power supply for sensors and solenoid valve
- M12 connector for quick commissioning
- Various optical position indicators possible

The new limit switch box SRBK is the binary position feedback made of high enforced polymers with an optical display for manual or automated process equipment.

It can be used universally indoors but also outdoors in extreme conditions, whether UV radiation, chemically demanding environmental conditions or temperature fluctuations.

Flexible: easy use for every kind of application

The many mechanical, inductive, or magnetic switch variants make SRBK highly flexible – and suitable for almost any application. At the same time, solenoid valves and other devices can be connected due to the two cable inputs. The clearly visible position indicator makes recognizing the switching status child's play, even from a distance. Different visual displays can be selected depending on the process valve.

Quick and easy: assembly and installation

Thanks to the pre-assembled mounting bridges with variably adjustable feet, the limit switch attachment can be quickly and easily mounted on part-turn actuators with a connection diagram according to VDI/VDE3845 with almost all connection dimensions. There are also variants without a mounting bridge to be able to operate other interfaces and products such as fittings or gearboxes. SRBK is not only quickly mounted on the swivel drive but is also very easy to put into operation: because the actuating cams can be adjusted without additional tools! There are also variants with an M12 connector, which enable even faster connection and commissioning.

Robust

According to the new test spec of the IEC60654-1 the SRBK suits perfectly for harsh outdoor applications, never mind if there are UV resistance stressed areas with up to 1120W/sqm or 100% humidity within a temperature range from -20°C ... 40°C according to this operational specification. The regular temperature range is from -25°C ...70°C.

Additional Information:

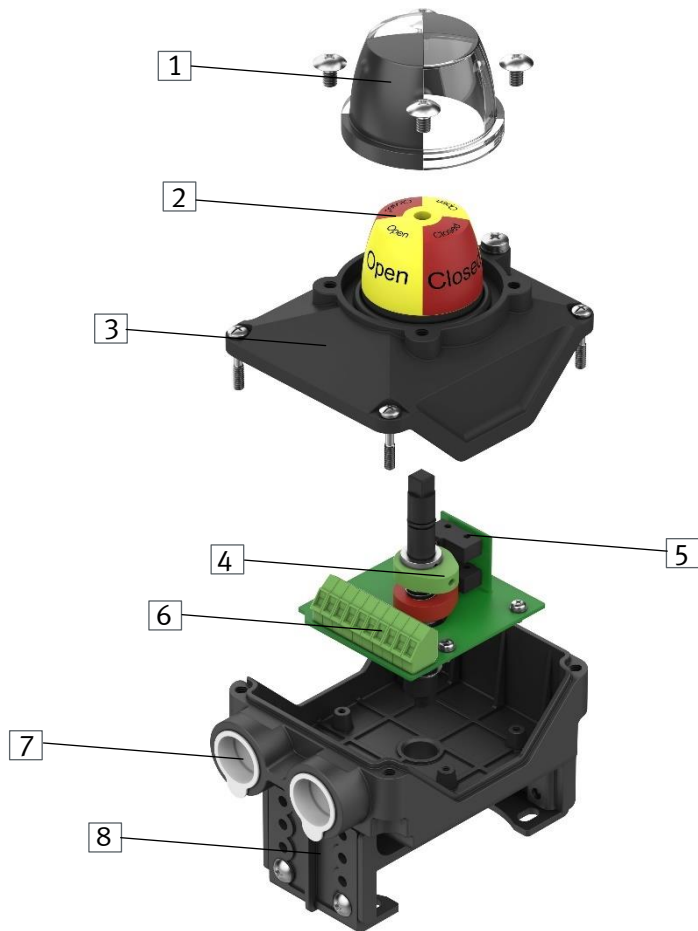
Product page

› www.festo.com/catalogue/srbk



Limit Switch Box – at a glance

1. Protective cap
2. Indicator
3. Top cover
4. Adjustable notches 0-360°
5. Switches
 - mechanical switches**
 - Omron SS-5
 - Omron SS-01
 - inductive switches**
 - P&F NBB2-V3-E2
 - P&F NBB3-V3-Z4
 - reed switches**
 - Hamlin 59140-030
6. Terminal strip
7. Cable entries
8. Flexible mounting bracket



Accessories

1. Limit Switch box SRBK-...-M12
2. Limit switch box SRBK-...-C2
3. Protective cap SACC-S4-T-T
4. Protective cap SACC-S4-T
5. Position indicator SASF-S4-EN-A1
6. Position indicator SASF-S4-EN-A2
7. Position indicator SASF-S4-EN-A3
8. Position indicator SASF-S4-EN-A4
9. Position indicator SASF-S4-EN
10. Mounting adapter DARQ-K-X1-A3-F05-R14
11. Plug screw NETC
12. Cable connector NETC
13. Connecting cables NEBV
14. Connecting cables NEBU

