

## Switchbox SRBE

### General characteristics

Housing	comprehensive strength encapsulated aluminium housing, epoxy-coated
Cable entry	Cable entry 2x M20x1.5 or 2 x NPT 1/2"
Optical position indicator	3D OPEN-CLOSE position indicator yellow – red
Mounting	pre-assembled mounting bridge 80x30xH20mm for interface VDI / VDI 3845 (NAMUR interface)
Electrical connection	cable connector and blanking plug included in the scope of delivery
Solenoid valve connection	two cable inputs for common power supply of the sensor box and solenoid valve
Number of switches	2 (2 or 4 switches but only for mechanical switches)
Switch type	mechanical, inductive, magnetic reed

### Switch types

Mechanical switch types	3 wire SPDT, CHERRY D45, 3 wire SPDT, Omron D3V
Induktive switches	2 wire NAMUR, NC, Pepperl+Fuchs NCB2-V3-N0 2 wire DC, NO, Pepperl+Fuchs NBB3-V3-Z4 3 wire PNP, NO, Pepperl+Fuchs NBB2-V3-E2 3 wire NPN, NO, Pepperl+Fuchs NBB2-V3-E0 3 wire SPDT, HSI Sensing HSR 834W
Magnetic switch	

### Operating and environmental conditions

Housing protection class	IP67, NEMA 4/4x
cCSAus	II 2G II 2D
ATEX	EPL Gb EPL Db
Type of protection	Ex d Ex tb
Safety Integrity Level [SIL] to IEC 61508	up to SIL 2
Ambient temperature	-20 ... 60 °C

### Material data

Housing	Cast aluminium, epoxy- coated
Shaft	Stainless steel
Screws	Stainless steel
Seals	NBR
Optical position indicator	PC
Cable connector	PA
Blanking plug	PA
Mounting bridge DRAQ	Stainless steel
Material note	RoHS compliant

### Accessories

DARQ mounting bridges for quarter turn actuator with an interface to VDI/VDE 3845 (NAMUR-interface)	80 x 30 x H20 mm 80 x 30 x H30 mm 130 x 30 x H30 mm
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