

Switchbox SRBC

General characteristics	
Housing	Weather proof aluminium housing, Epoxy-coated
Cable entry	2x M20x1.5
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	10-pin terminal strip, 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
Switch type	mechanical, inductive, magnetic reed
Switch types	
Mechanical switch types	3 wire SPDT, Omron SS-5
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
Magnetic switch	3 wire SPDT, Hamlin 59140
Operating and environmental conditions	
Housing protection class	IP67, NEMA 4/4x
cCSAus	listed ordinary location
ATEX	II 2G (NAMUR Version) II 2D (NAMUR Version)
Type of protection	Ex ia (NAMUR Version) Ex td (NAMUR Version)
Safety Integrity Level [SIL] to IEC 61508	up to SIL 2
Ambient temperature	-20 ... 80 °C (70 °C) (depending in on the switch)
Material data	
Housing	Cast aluminium, epoxy- coated
Schaft	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