

Switchbox SRBG

General characteristics

Measuring principle	Induktive dual sensor
Mounting	Direct mounting on quarter turn actuators with interface to VDI/VDE 3845
electrical connection	M12 plug connector or terminal compartment
Solenoid valve connection	M12 socket (AS-Interface Version) or terminal compartment
Switching outputs	PNP NAMUR 2 wire, DC AS-Interface

Operating and environmental conditions

Housing protection class	IP67
ATEX	II 1G (NAMUR Version)
Type of protection	Ex ia (NAMUR Version)
Safety Integrity Level [SIL] According to IEC 61508	up to SIL 2 (NAMUR Version)
cULus	listed, General Purpose
Ambient temperature	-25 ... +70°C -25 ... +100°C (NAMUR Version)

Material data

Housing	PBT
M12 plug in male/female	Stainless steel
Screws	Stainless steel
Material note	RoHS compliant

Accessories

Two position indicators (PUK) variants suitable for drive shaft of quarter turn actuators according to the interface VDI/VDE3845	80 x 30 x H20 and H30 mm 130 x 30 x H30 mm and H50
Activating elements	4 activating elements fixed at an offset of 90° for actuators with anticlockwise and clockwise rotation
Material note	Made of conductive plastic material, which avoids static charges and makes it suitable for use in hazardous areas
Ambient temperature	-25 ... +70°C
Housing	PA
Actuating lug	Stainless steel
Screws	Stainless steel