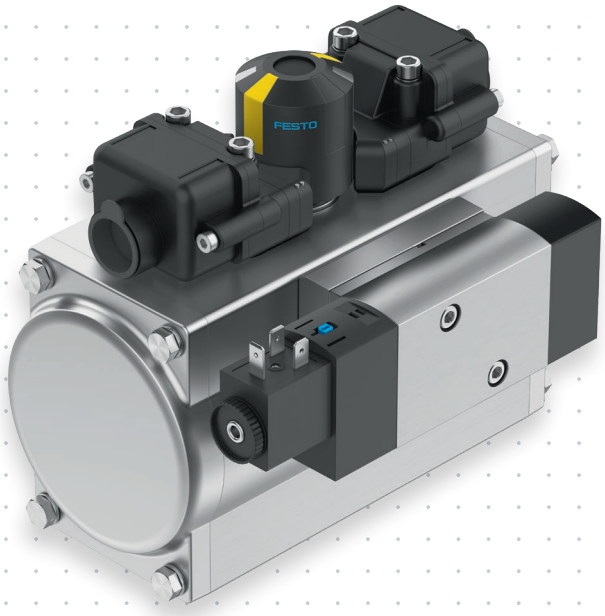
Limit Switch Box SRBI



Highlights

- Maximum flexibility even where space is limited
- User-friendly
- Highly corrosion resistant and extremely well sealed
- Easy to assemble, install and maintain
- Sturdy, wear-free, durable
- Simple redundancy possible
- Both end positions are indicated by LED

The compact, cost-effective and open SRBI solution for manually operated process valves and small to medium-sized rotary actuators perfectly complements the product range SRBG. The inductive dual sensor SRBI can be easily connected to all common control systems. It is also easy to operate, install and maintain.

Compact, cost-effective solution for small and medium-sized rotary actuators
As an open solution for valve position feedback, the SRBI is mounted directly on the drive. It detects whether the plug valves are open or closed. The power supply and the sensor status are visualised by the easy-to-see LEDs that are located on the side. The benefits to you: simplified diagnostics in the field and display of the valve position.

Redundancy
Thanks to the compact design and the special layout of the inductive sensors, the interface to VDI/VDE 3845 allows each of the two opposing sensor elements to be actuated by a puck element. This creates the required redundancy.

The best of both worlds
The SRBI can be easily connected to most common control systems. It combines inductive, contact-less sensor technology with the more cost-effective aspects of the limit switch boxes SRBG.

Additional information:

Product page
> www.festo.com/catalogue/srbi

Other features

Sturdy, durable, reliable

The degree of protection IP67 adds to the characteristic sturdiness and reliability of the SRBI series, which is made particularly durable by its fully enclosed housing. The benefit to you: can be used in adverse environments.

Time and cost-saving assembly

The SRBI can be quickly and easily mounted in just a few steps. With the choice of plug or clamped terminal connection with plug-in terminals, connecting the sensor is child's play and extremely quick for engineers.

Technical data

	 **SRBI-C2-N-1-P-M12**	 **SRBI-C2-N-1-P-C2**
Characteristic electrical data		
Electrical connection, input	Plug M12x1, 4-pin	Screw terminal
Measuring principle	inductive	
Switching output	PNP	
Switching element function	N/O contact	
Operational voltage range DC	10 ... 30 V	
Max. output current DC	200 mA	
Reverse polarity protection	For all electrical connections	
Operating and environmental conditions		
Ambient temperature	–25 ... 70 °C	
Degree of protection	IP67	
Shock resistance	Shock test with severity level 2 to FN 942017-5 and EN 60068-2-27	
Vibration resistance	Transport application test with severity level 2 in accordance with FN 942017-4 and EN 60068-2-6	
Approval[1)]	RCM Mark, c UL us - Recognized (OL)	
KC Mark	KC-EMV	

1) Additional information www.festo.com/catalogue/srbi