

ExSwitch-R-L Ex-d linear auxiliary switch, retrofit

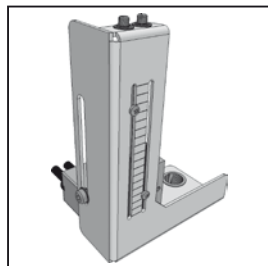
2 potential free contacts, adjustable on site, adaptable to **Ex-/RedRun** actuators

Subject to change!

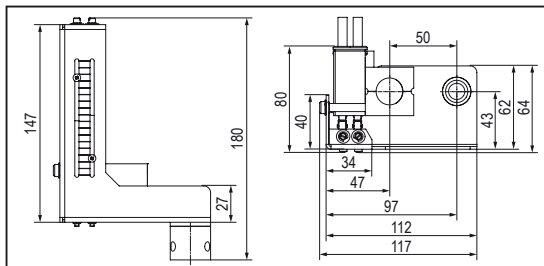
Type	Technical data	Installation area
ExSwitch-R-L	Explosion proof, auxiliary switch with 2 adjustable contacts, potential free	Zone 1, 2, 21, 22

Product views

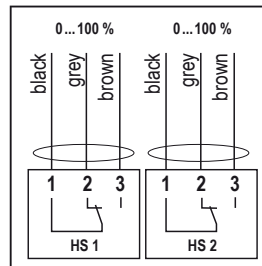
ExSwitch-R-L



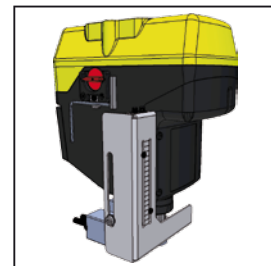
Dimensions in mm



Wiring diagram



Adaption to actuator



Description

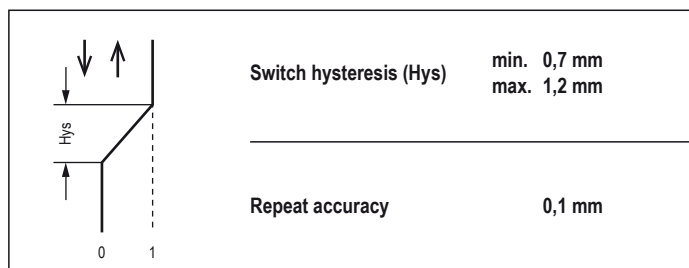
ExSwitch-R-L are adaptable auxiliary switches for use in hazardous areas for end and interim position indication.

ExSwitch-R-L have 2 potential free contacts installed in a housing which can be fitted directly to ...Run actuators. Both contacts are adjustable. Adjustment during operation is possible. ExSwitch-R-L are delivered with a cable of approx. 1 m. For electrical connection an appropriate terminal box is required (see accessories ...Box).

Explosion proof

ATEX	PTB 00 ATEX 1093 X
	IBExU 01 ATEX 1007 X
Use in zone 1 and 2	II2G Ex d IIC T6 for gas, mists and vapours
Use in zone 21 and 22	II2D IP66 T80°C for dust
IP protection switch	IP66 in acc. with EN 60529
IP protection housing	IP43 in acc. with EN 60529

Contact travel



Attention:
Protect cables against mechanical damage!



Accessories

...Box/SW	Terminal box
MKK-S	Mounting bracket

Technical data

Adaption to actuator	direct mounting to the actuator
Function	2 explosion proof auxiliary switches with potential free contacts
Max. current AC/DC	24 VAC/DC, 3 A – 240 VAC, 0,5 A
	min. 5 V, 4 mA
Mechanical life	2 × 10 ⁶ switch cycles
Cable connection	1 cable for each switch, approx. 1 m cable length, 3 × 0,75 mm ² , cable diameter ~ Ø 7,2 mm
Ambient temperature	-50...+60 °C
Repeat accuracy	see contact travel (diagram)
Switch hysteresis	see contact travel (diagram)
Housing material	Stainless steel 1.4301
Housing material Switch	Plastic, Thermoplast
Material Switch	Changeover contacts silver, gold-plated
Delivery	1 housing with 2 integral auxiliary switches inclusive 1 switch adaption, 1 switch bracket with switch, 1 fitting screw with 2 shims, 1 connection nut, 1 damping washer, 1 cylinder bolt Ø 5 × 20 mm M3. For ...Run-75.100: additional 1 distance bolt

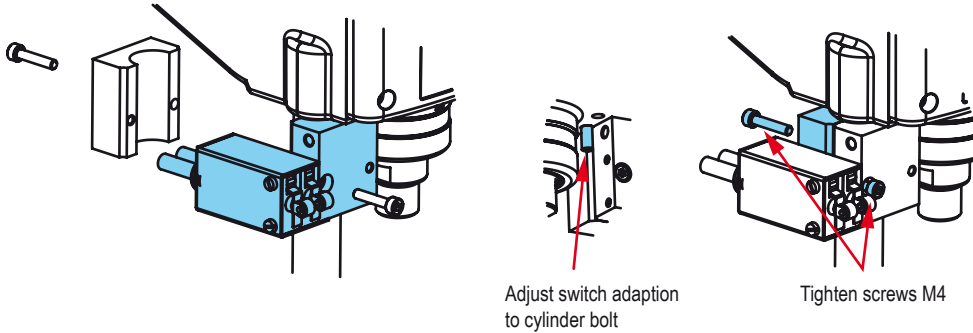
► Mounting of ExSwitch-R-L on ...Run-Ventilantrieb



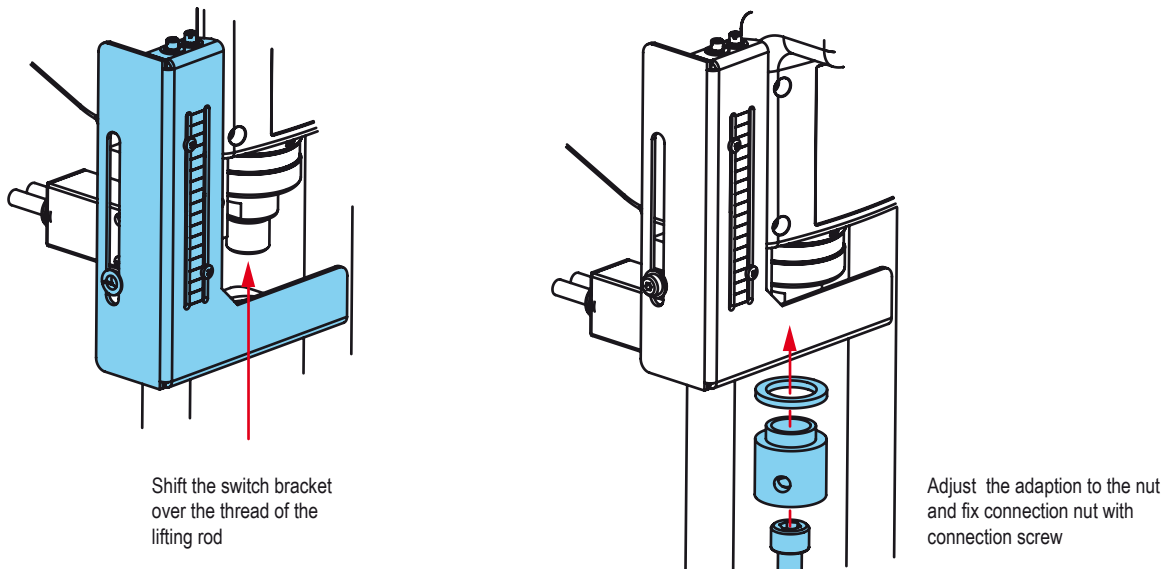
1. Insert cylinder bolt Ø 5 × 20 mm



2. Adjust switch and adaption to cylinder bolt and screw to distance column



3. Tighten the bracket with nut, damping washer and connection screw to the thread of lifting rod



4. Tighten the fitting screw through the bearing of the bracket

