



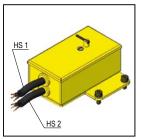
# **ExSwitch** Auxiliary switch, retrofit

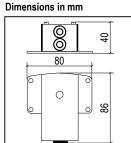
2 potential free contacts, adjustable on site, adaptable to **ExMax** actuators size S and M

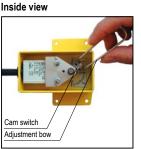
TypeTechnical dataInstallation areaExSwitchExplosion proof, auxiliary switch with 2 adjustable contacts, potential freeZone 1, 2, 21, 22... - CTHousing with seawater resistant coating

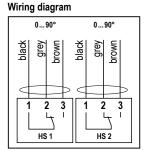
#### Product views

#### ExSwitch











### **Description**

ExSwitch is an adaptable auxiliary switch for use in hazardous areas. It indicates end and interim position.

ExSwitch has 2 potential free contacts installed in a housing. Both contacts can be adjusted separately, even during operation.

ExSwitch fits on any ExMax actuator size S and M and can be mounted directly on the actuator's shaft. ExSwitch is delivered with a cable of approx. 1 m. For electrical connection inside hazardous areas, an Ex-e terminal box is required (see accessories ExBox).

#### Mounting and adjustment

- 1. Put the mechnical linkage into the squared connection of the actuator.
- 2. Mount the ExSwitch to the actuator and fix it with the 4 screws.
- 3. Wire the actuator (Ex-e terminal box required!).
- 4. Drive actuator to lower end position.
- Open the ExSwitch and adjust each switch with the adjustment bow. You have to open the screw to turn the cam switch, afterwards tighten the screw.
- 6. Make a mechanical check that the switches are working in the required position.
- 7. Lock the enclosure.

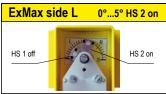
## Technical data

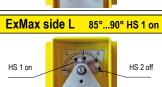
Cable connection 1 cable for each switch, approx. 1 m cable length, 3 × 0,75 mm², cable diameter ~ Ø 7,2 mm

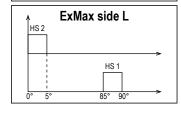
Ambient temperature -40...+60 °C
Accuracy <5°
Switch hysteresis approx. 5 %
Housing material Switches Plastic, Thermoplast
Material switch contact Silver, gold-plated

Delivery ExSwitch, squared connection (mechanical linkage to ExMax actuators), 4 screws, 1 adjustment bow for

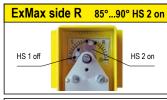
adjustment of switching position, position indicator

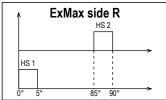












#### **Accessories**

ExBox-... Terminal box Ex-e

## **Approbations**

Switches:

Approval for dust II 2 D Ex tb IIIC T80°C T95°C Db

IP protection IP66 in acc. with EN 60529

Housing ExSwitch:

IP protection IP43 in acc. with EN 60529

Subject to change!

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