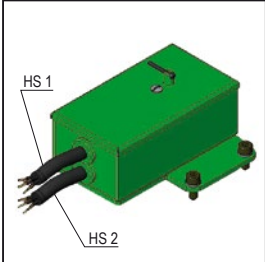
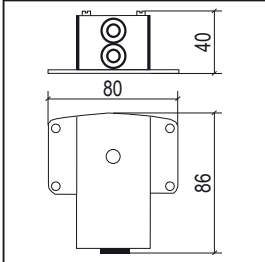
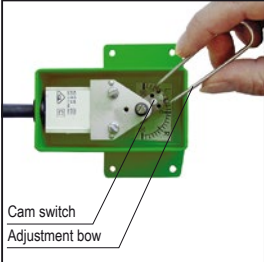
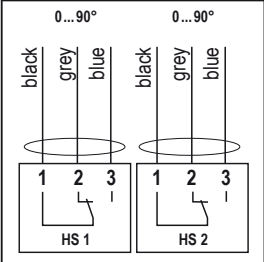



InSwitch Auxiliary switch, retrofit

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

Type	Technical data	Installation area
InSwitch	Auxiliary switch with 2 adjustable contacts, potential free	safe area
... - CT	Housing with seawater resistant coating	

Product views

InSwitch	Dimensions in mm	Inside view	Wiring diagram	Adaption to actuator
				

Description

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

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


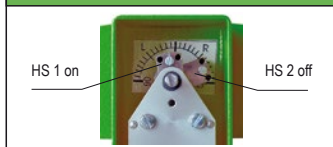
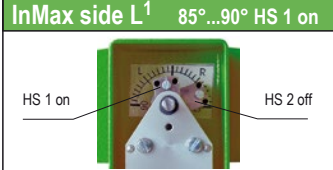
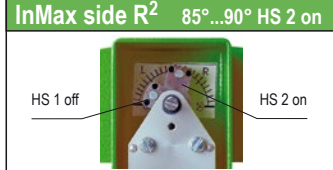
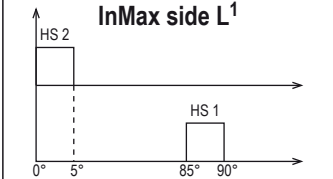
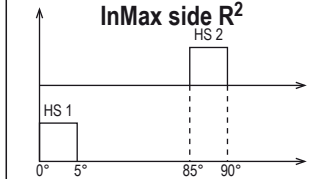
InSwitch fits on any InMax actuator size S and M and can be mounted directly on the actuator's shaft. InSwitch is delivered with a cable of approx. 1 m. For electrical connection a terminal box is required (see accessories InBox).

Technical data

Adaption to actuator	direct mounting to the actuator
Function	2 auxiliary switches with potential free contacts
Max. current	24 V AC/DC / 3 A – 250 V AC / 0.25 A min. 4 V / 1 mA
Mechanical life	2 × 10 ⁶ switch cycles
Cable connection	1 cable for each switch, approx. 1 m cable length, 3 × 0.5 mm ² , cable diameter ~ Ø 4.5 mm
Ambient temperature	-40...+60 °C
Accuracy	< 5°
Switch hysteresis	approx. 5 %
Housing material	Steel, painted
IP protection housing	IP43 in acc. with EN 60529
Housing material switches	Plastic, Thermoplast
Material switch contact	Silver, gold-plated
IP protection switches	IP67 in acc. with EN 60529
Delivery	InSwitch, squared connection (mechanical linkage to InMax actuators), 4 screws, 1 adjustment bow for adjustment of switching position, position indicator

Mounting and adjustment

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

InMax side L¹ 0°...5° HS 2 on 	InMax side R² 0°...5° HS 1 on 
InMax side L¹ 85°...90° HS 1 on 	InMax side R² 85°...90° HS 2 on 
InMax side L¹ 	InMax side R² 

¹ InMax Bottom (Side L)

² InMax Top (Side R)

Accessories

InBox-...	Terminal box
-----------	--------------