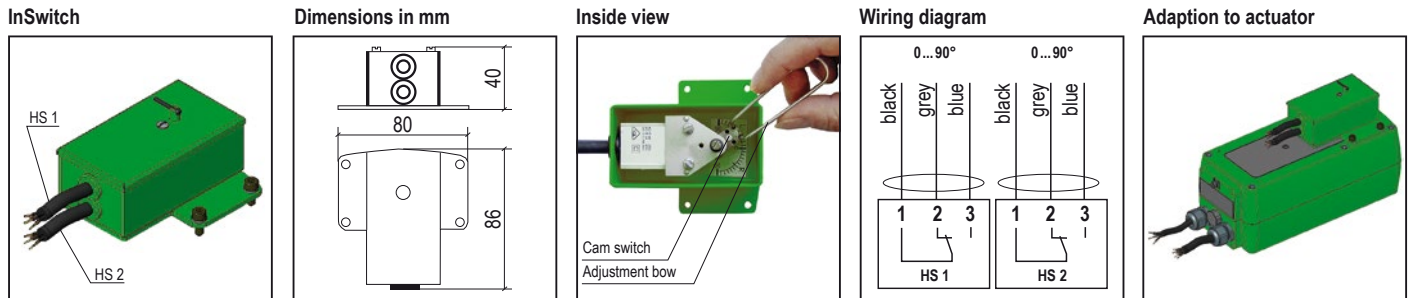


# InSwitch Auxiliary switch, retrofit

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

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

## Product views



## 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.

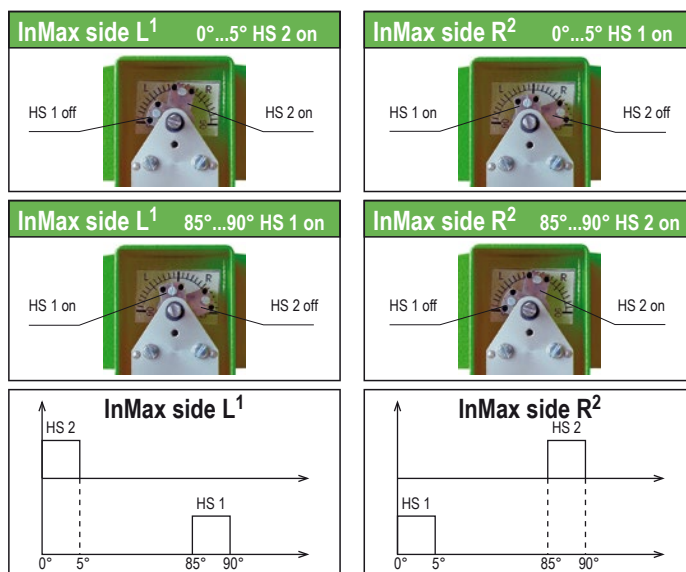
InSwitch fits on any InMax actuator size S and M and can be mounted directly on the actuator's shaft. InSwitch is delivered with a cable of approx. 1 m. For electrical connection a terminal box is required (see accessories InBox).

## Technical data

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



<sup>1</sup> InMax Bottom (Side L)

<sup>2</sup> InMax Top (Side R)

## Accessories

<b>InBox-...</b>	Terminal box
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Subject to change!

InSwitch\_en  
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