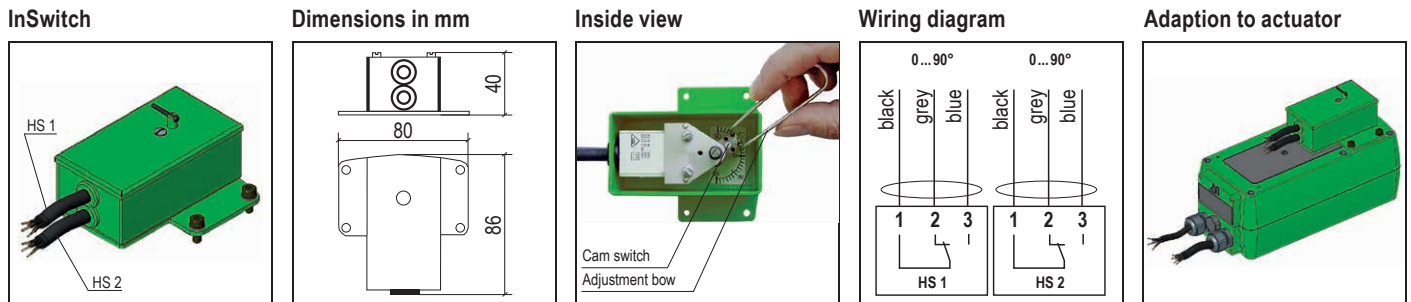


InSwitch Auxiliary switch, retrofit

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



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.

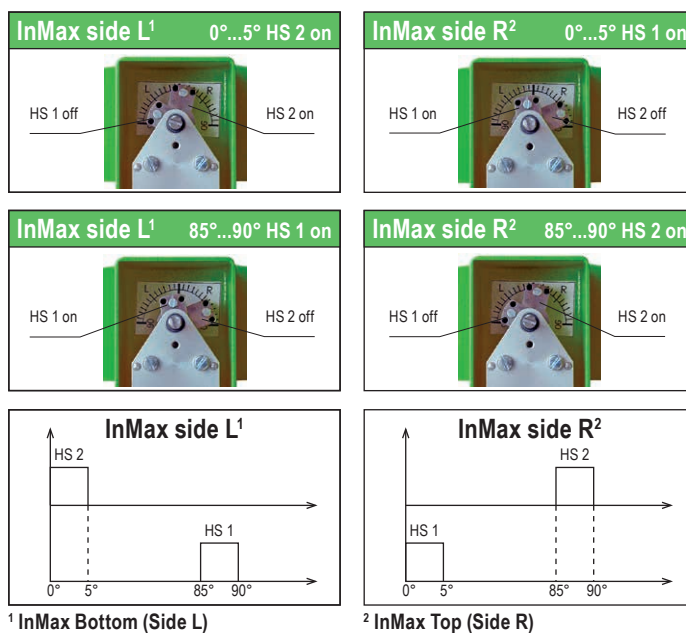
InSwitch fits on any InMax actuator size S and M and can be mounted directly on the actuator's shaft. InSwitch is delivered with a cable of approx. 1 m. For electrical connection a terminal box is required (see accessories InBox).

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
MTTF_D	1,28 × 10 ⁴ years
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.



¹ InMax Bottom (Side L)

² InMax Top (Side R)

Accessories

InBox-...	Terminal box
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Subject to change!

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