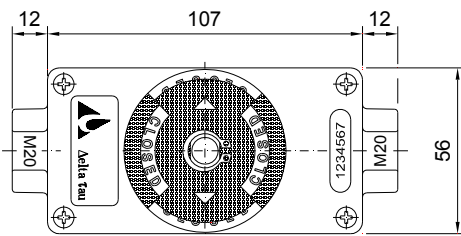
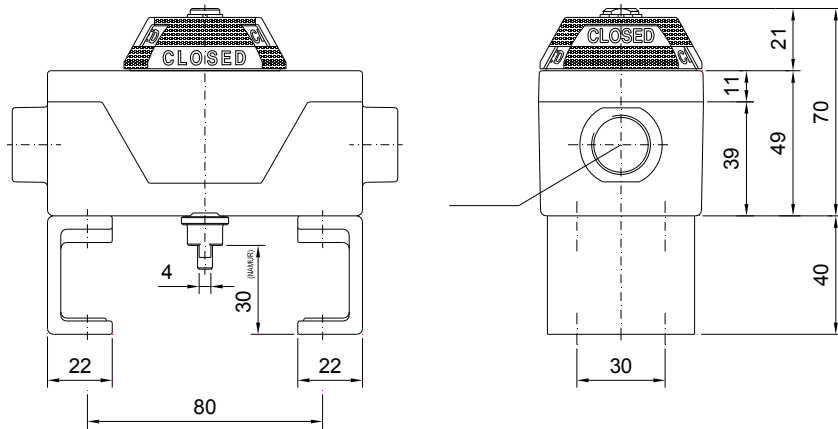


## Limit switch box for pneumatic actuators



### Material:

Housing	Polymer
Screws	Stainless steel
Gaskets	NBR

### Temperature range:

-20°C to +80°C

### Protection class:

IP67



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## Limit switch box for pneumatic actuators



### Compact size

The very compact limit switch box measures 131\*56\*70mm (L\*W\*H). Besides the standard configuration with two mechanical micro switches there are several types of switches and proximity switches available. The large position indicator arranged on top of the housing cover is easily readable from all sides and distance.

### Installation

The cam-shaft is based on NAMUR standard. It is centered on the actuator shaft by a center bolt and the bracket is fastened with 4 screws. An adapter for 20mm instead of 30mm NAMUR shafts is enclosed.

### Wiring

In spite of its small dimensions the switch box provides much space for connection wiring, not least because of the diagonally mounted terminal block. The switch box has a standard M20x1.5 cable entry, ensuring the use of sufficiently dimensioned cables. In addition to the six connectors required for limit stop switches, every box has four additional terminals, each two of which are interconnected. By opening the second cable entry (which is closed at delivery condition) it is possible to connect further electronic components, e.g. solenoid valves etc. All components can be activated or sensed together with the switches via a combined cable.



**Switch adjustment**

**CAUTION! Cut off all electricity before adjusting the switch!**

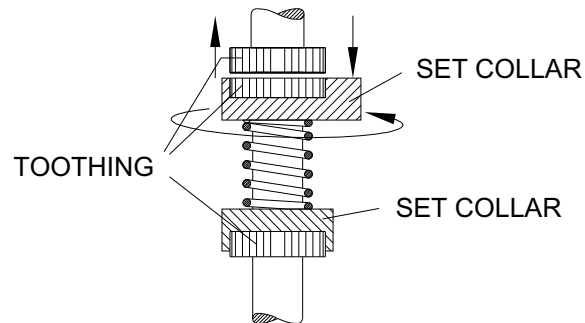
The switches are easily adjustable by pulling up or pressing down the set collar against the spring pressure.

**Lower micro switch**

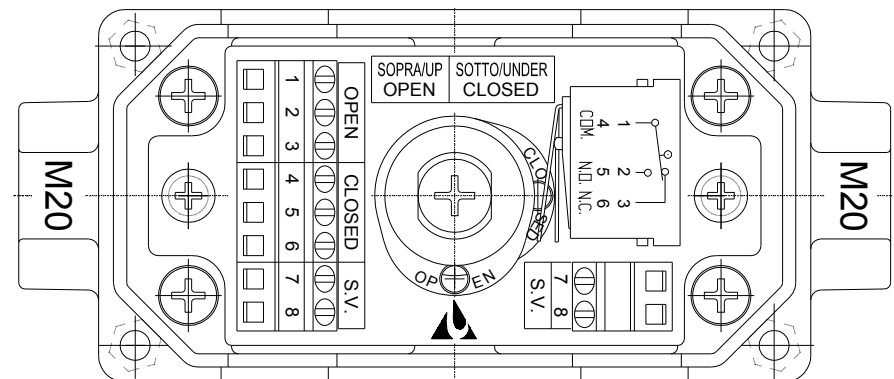
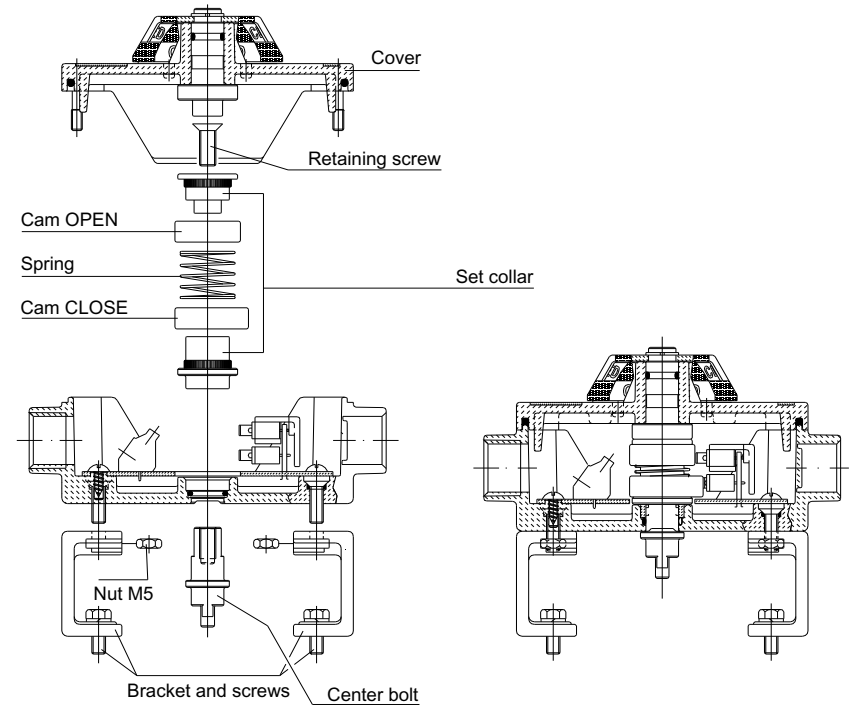
Move the actuator to its **starting position**. Pull up the lower set collar and turn it clockwise until the switch operates.

**Upper micro switch**

Move the actuator to its **final position**. Push down the upper set collar and turn it counter-clockwise until the desired position.



After adjusting the set collars make sure they are locked properly in the tothing.



Grounding terminal inside housing cover!