



**Compact design**

**Set temperature**

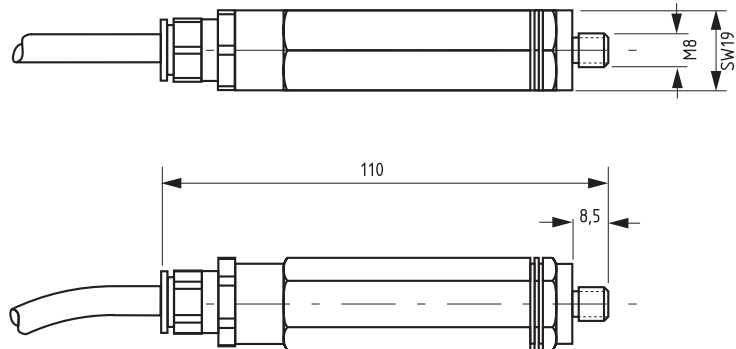
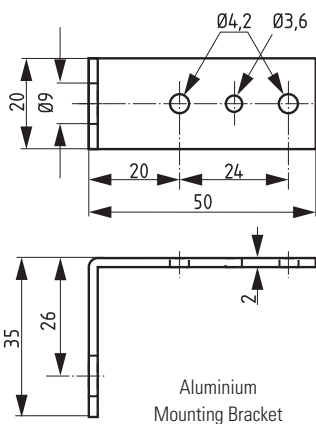
**High switching capacity**

Compact small mechanical thermostat for temperature regulation and monitoring of heaters, for example in transmitter cabinets, control panels and measuring equipment which are deployed in areas with explosion hazard. The special switch construction enables high response accuracy, small switch temperature difference and a very long service life. High switching performance allows direct control of the heaters.



### Technical Data

<b>Explosion proof according to EN</b>	LCIE (Laboratoire Central des Industries Electriques)
<b>Conformity certificate</b>	01 ATEX 6074/02, LCIE N° 06 ATEX Q8011, IECEx LCI 07. 0021
<b>Sensor element</b>	thermostatic bimetal
<b>Contact type (1-pole)</b>	opens with rising temperature
<b>Service life</b>	> 100,000 cycles
<b>Max. Switching capacity</b>	250VAC, 4 (1) A
<b>Connection</b>	Si HF - JZ 3 x 0.75mm <sup>2</sup> , length 1m
<b>Mounting</b>	mounting bracket with nut M8 (see illustration)
<b>Casing</b>	aluminium, black anodised
<b>Dimensions</b>	length 110mm
<b>Weight</b>	approx. 0.2kg
<b>Fitting position</b>	variable
<b>Operating / Storage temperature</b>	-40 to +40°C (-40 to +104°F) / -45 to +70°C (-49 to +158°F)
<b>Protection type / Protection class</b>	IP65 / I (earthed)



Art. No.	Ex protection type	Switch-off temperature	Switch temperature difference
01180.0-00	d IIC T6 - Ex tD A21 IP6X T85°C	+15°C (± 4K tolerance)	4K (± 1K tolerance)
01181.0-00	d IIC T6 - Ex tD A21 IP6X T85°C	+25°C (± 4K tolerance)	4K (± 1K tolerance)