



Compact design

Set temperature

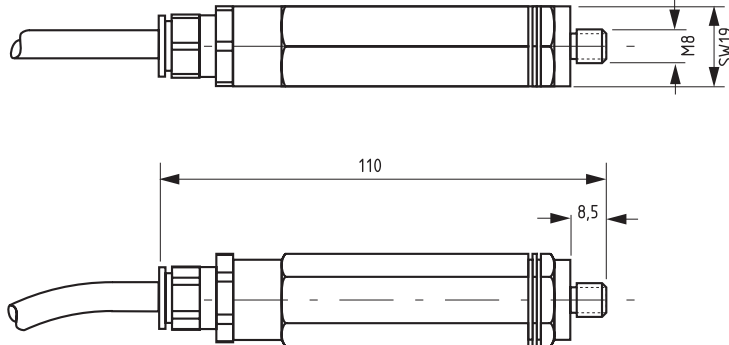
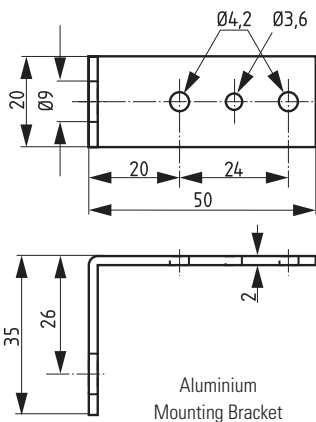
High switching capacity

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

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