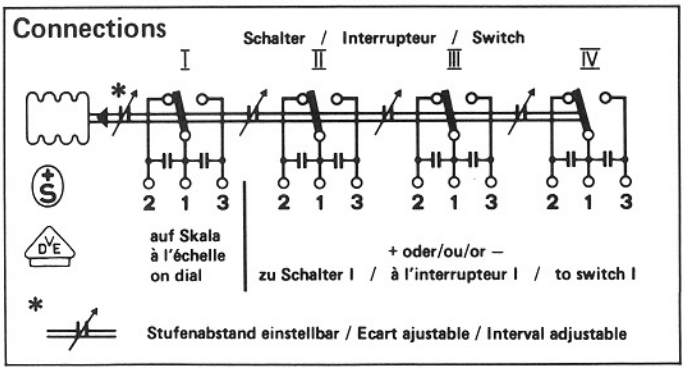
trafag
SWITZERLAND

Mini - Multistat

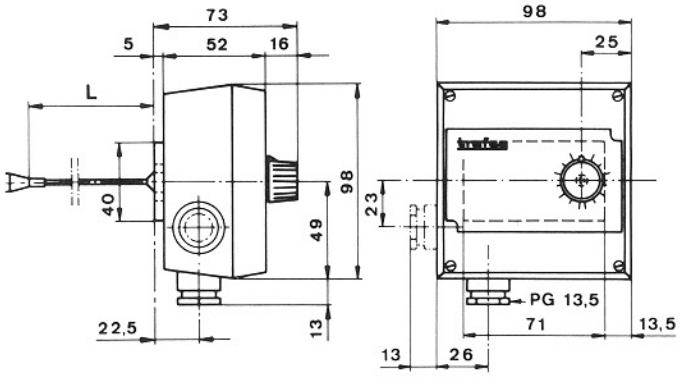
Temperature controller

for surface or panel mounting

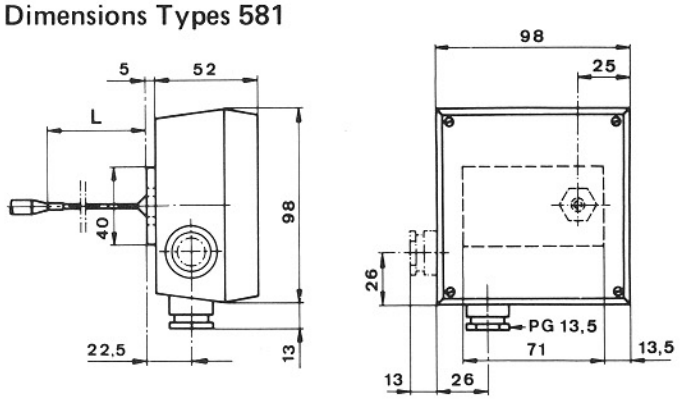
Connections



Dimensions Types 580



Dimensions Types 581

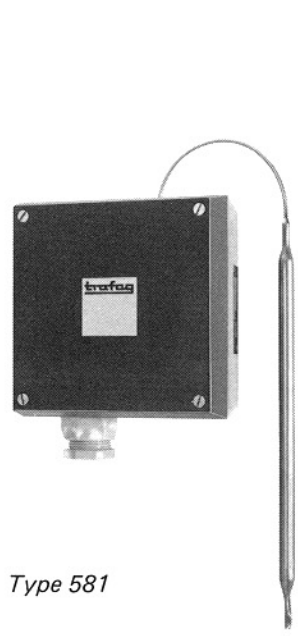


Specifications

Range in °C	Sensor max. °C	Switching differential K (°C)	Step intervals *) min. K 1)	max. K 2)	Ambient temperature °C
–30...+40	45	~ 1,4	1	6	
–10...+25	50	~ 1,4	1	6	
0...+35	50	~ 1,4	1	6	
+10...+45	85	~ 1,4	1	6	
+10...+80	100	~ 1,4	1	6	
+15...+30	60	~ 1,4	1	6	
–10...+35	50	~ 2,2	1,5	8	–30...+70
–10...+80	85	~ 2,2	1,5	8	
+ 5...+95	105	~ 2,2	1,5	8	
+20...+110	115	~ 2,2	1,5	8	
+20...+165	165	~ 2,8	2	10	
+20...+230	250	~ 3,6	2,5	15	
+40...+300	330	~ 4,2	3	20	
+70...+350	380	~ 4,2	3	20	

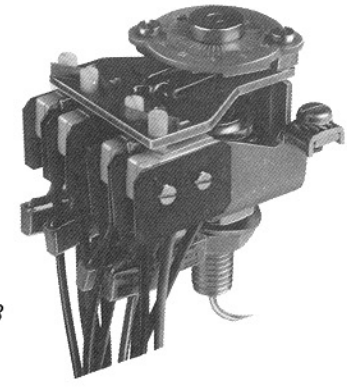
Four stage temperature controller

- Splash water protected Noryl housing (IP 54)
- Small switching differential
- Accuracy ± 2 % of full scale
- Repeatability < ± 0.5 % of full scale
- Internal or external set point adjustment
- Electrical connection by 12-pole terminal inside housing



Type 581

Type 580



Type 583

For dimensions of types 582 and 583 ask for dimensional drawings

Microswitch ratings

AC	250 V	5 (1) A		
DC	220 V	0,15 A	110 V	0,35 (0,15) A
	48 V	1,0 (0,55) A	24 V	2,0 (2,0) A

**) Step intervals of microswitches towards set point:*

1) The minimum step interval must be maintainened both against the scale set point as well as between the microswitches.

2) The max. step interval refers to the difference between the highest and lowest set point of the controller.

In selecting step intervals take care of remaining within the boundaries of the scale range.

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