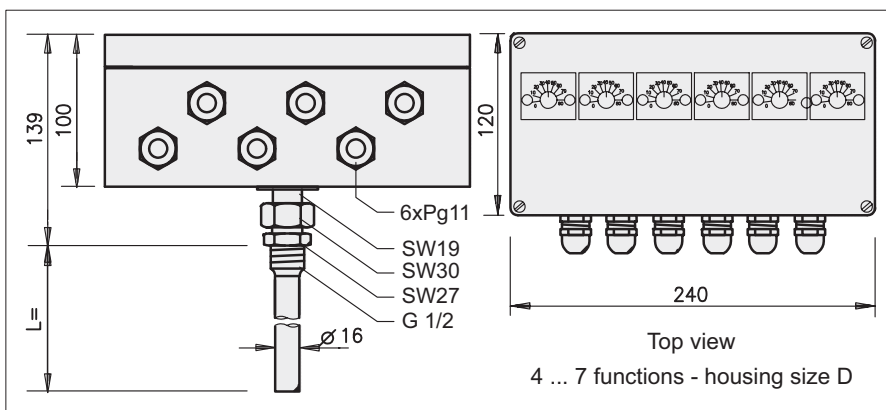
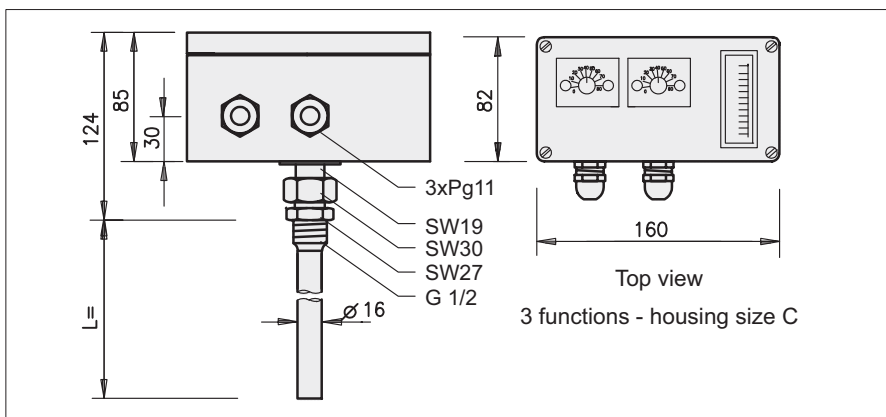
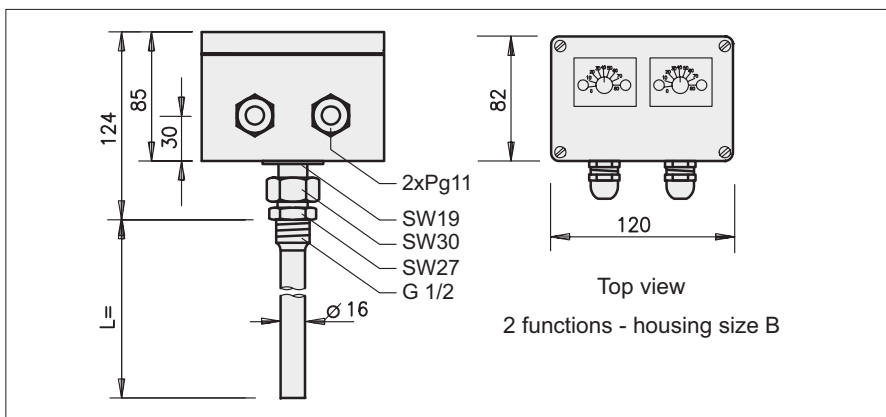
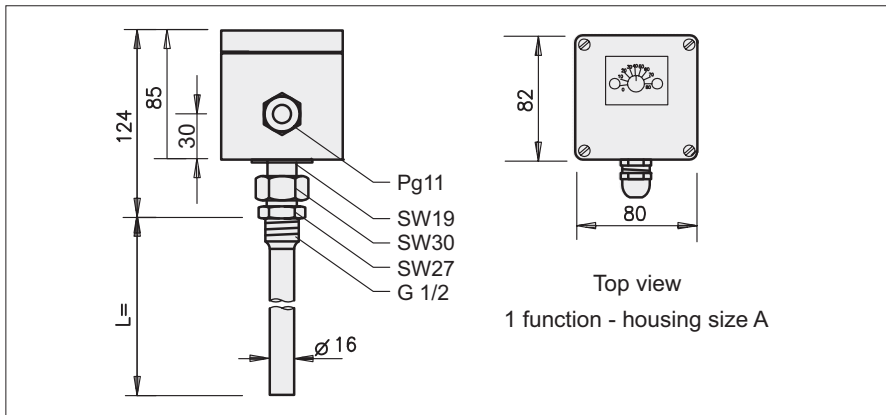




- Subject to modifications -



Thermo regulator KTR-B

- Regulation and monitoring of temperatures
- optionally with temperature indication
- up to max. 7 functions in one device

Function:

The thermostats work on the principle of liquid expansion. The system is composed of sensor, capillary tube and membrane. When heating up the sensor the expansive liquid is displaced by the capillary tube into the membrane activating there a working stroke. This working stroke actuates the snap switch effecting the opening and closing of the potential-free contact. There are several types of thermostats available. Regulator and display have separate systems, which are placed together in one protective sleeve. The housings can be rotated and fixed in all positions. The housing cap is transparent. For the electrical connection the housing cap (4 screws) and the front plate (4 screws) have to be detached.

Technical data - general:

Protection:	DIN EN 60529 IP65
Ambient temperature:	-40 ... +80 °C
Operating pressure:	max. 16 bar
Material	
Housing	Macrolon
Immersion pipe	1.4301
Electr. connection:	Flat plug 6,3x0,8 (DIN 46244)

Thermostat: T5

Contact material:	Silver
Switch voltage:	max. 250 VUC
Switch current AC / DC:	max. 16 A / 4 A
Switch precision: ¹⁾	±3 °C
Switch difference: ¹⁾	max. 5 °C
Regulation range:	0 ... 80 °C

Thermostat: T10

Contact material:	Silver
Switch voltage:	max. 250 VUC
Switch current AC / DC:	max. 16 A / 4 A
Switch precision: ¹⁾	±5 °C
Switch difference: ¹⁾	max. 10 °C
Regulation range:	10 ... 120 °C

Thermostat: G5

Contact material:	Gold
Switch voltage:	max. 24 VDC
Switch current:	5 mA ... 0,3 A
Switch precision: ¹⁾	±3 °C
Switch difference: ¹⁾	max. 5 °C
Regulation range:	0 ... 80 °C

Temperature display: TA

Measuring range:	0 ... 120 °C
Calibration:	±2 at 70 °C

¹⁾ see reverse)