



THEORY & STRUCTURE

Adopt full sealed double metal temperature controller. When the temperature arrive the set value, make into ring and bend bimetallic strip, one end expands when heated, trigger built-in mechanical device, switch action.

CHARACTERISTICS

The part that contact with medium all uses brass material. Interface thread include G1/4, G3/8, G1/2, those 3 kinds of stock thread can be choosen (other threads customized), temperature range: 30°C...120°C.

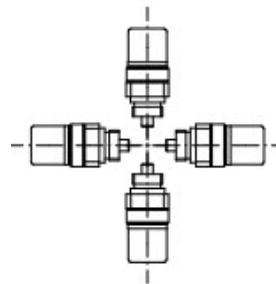
APPLICATION

Can satisfied the hydraulic and lubrication, and the different requirements of temperature control in the drive system. Also can be used to test whether the temperature exceed the max or min limit.

TECHNICAL DATA

- Measuring range: Set switch point 10°C...120°C (see below table)
- Max pressure: 60 bar
- Medium temp.: Max 130°C
- Output: N.O./N.C. optional contact silver
- Contact point capacity: Capacity 16A-220VAC
- Fixed hysteresis: Max 15°C (>80°C)
- Protection classic: IP65
- Connection type: Terminal connection
- Wetted materials: Brass
- Shell materials: Black NBR

INSTALLTION POSITION



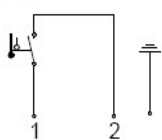
Detector must completely touch with the tested medium.

SELECTION TABLE

LKF-T15	030	G12	N.O.	SPECIFICATION
LKF-T15-				Fixed switch point
	010			10±5°C
	030			30±5°C
	050			50±5°C
	060			60±5°C
	070			70±5°C
	080			80±5°C
	090			90±5°C
	100			100±5°C
	105			105±5°C
	120			120±5°C
		G14		Interface thread G1/4"
		G38		Interface thread G3/8"
		G12		Interface thread G1/2"
			N.O.	Output: N.O.
			N.C.	Output: N.C.

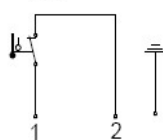
WIRING

wiring 0.212
n.o.



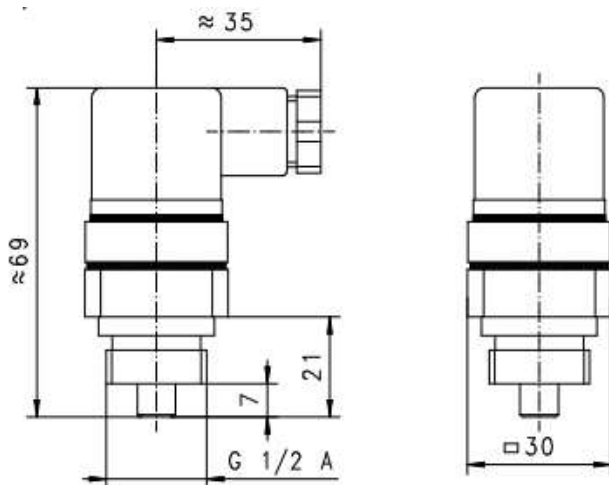
TK10...N.O.

wiring 0.214
n.c.

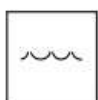


TK10...N.C.

DIMENSION



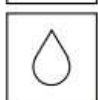
METERING SUBSTANCES



water



gas/air



oil