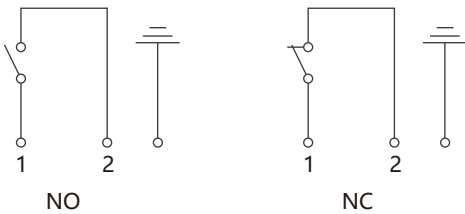
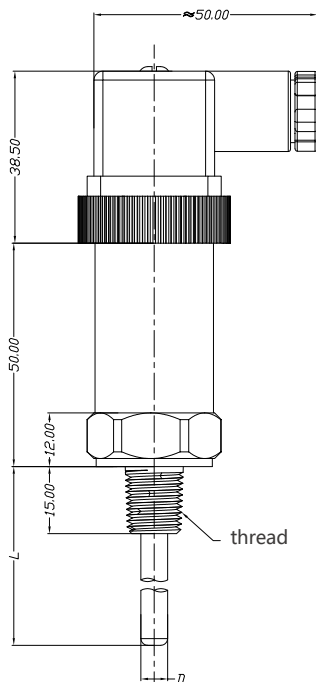




wiring diagram



Size chart (mm)



Principles Characteristics

TC130 series adopts the principle of bimetallic sheet. When the temperature reaches the set value, a section of bimetallic sheet which is made into a ring shape and bent is heated to expand to trigger the built-in device and switch action.

The contact part of TC130 with the medium is made of stainless steel, the interface thread is available in G1/4,G3/8,M22×1.5, temperature standard Circumference: 30 °C... 120 °C.

product application

TC130 series temperature switch can meet the different requirements of temperature control in hydraulic, lubrication and transmission series. It is used to detect whether the temperature exceeds the maximum or minimum limit.

Technical parameters

◇ Measuring range: fixed switching point at 30°C... 120°C

(see the table below)

◇ Maximum pressure: 100bar

◇ Media temperature: maximum 130°C

◇ Output: Normally open/normally closed optional

contact plated with silver

◇ Contact capacity: Capacity 16A-220VAC

◇ fixed hysteresis: maximum 15°C (>80°C)

◇ Protection level: IP65

◇ Wiring method: Terminal wiring

◇ Contact part material: stainless steel

◇ Shell material: black NBR

Selection table

TC130-	B	30	G14M	NO	025	detailed
TC130-						Mechanical temperature switch
	B					DIN43650 Hersman joint
		30				30±5°C
		40				40±5°C
		50				50±5°C
		60				60±5°C
		70				70±5°C
		80				80±5°C
		90				90±5°C
		100				100±5°C
		110				110±5°C
		120				120±5°C
			G14M			Interface G1/4 External thread
			G38M			Interface G3/8 External thread
			G12M			Interface G1/2 External thread
			M14M			Interface M14×1.5 External thread
			M22M			Interface M22×1.5 External thread
				NO		Output: normally on
				NC		Output: Normally closed
					025	Sheath maerial length L=25mm
					050	Sheath maerial length L=50mm
					075	Sheath maerial length L=75mm
					100	Sheath maerial length L=100mm
					200	Sheath maerial length L=200mm
					300	Sheath maerial length L=250mm
					500	Sheath maerial length L=500mm

\*The rod length can be customized