Mechanical temperature switch T20 series

The principle characteristics

T20 series adopts the principle of bimetallic sheet. When the temperature reaches the set value, a section of bimetallic sheet made of annular bending is heated and expanded to trigger the built-in device and switch action.

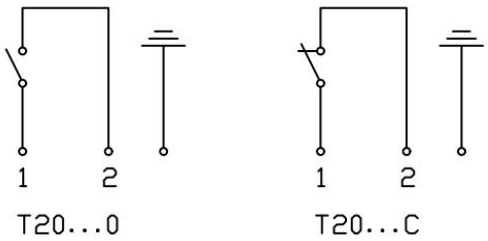
The characteristics of

T20 and medium contact part is made of brass material, interface thread G1/4,G3/8,M22×1.5 three kinds of options, temperature range: 30... 120

application

T20 SERIES TEMPERATURE SWITCHES can meet different requirements for temperature control in hydraulic, lubricating and transmission series, and are used to detect whether the temperature exceeds the maximum or minimum limit.

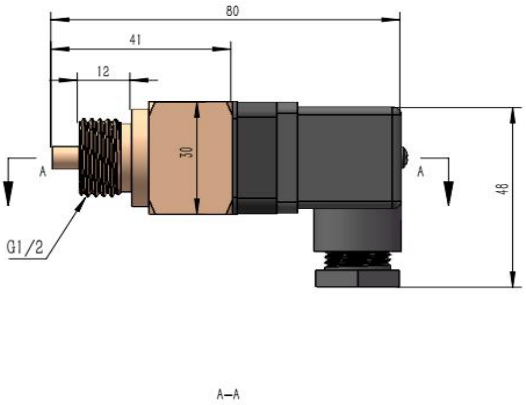
The wiring diagram



Technical parameters

- Measurement range: fixed switching point 30... 120 (see table below for details)
- Maximum pressure：100bar
- Medium temperature: Max. 130
- Output: Normally open/normally closed contact with optional silver plating
- Contact capacity: Capacity 16A-220VAC
- Fixed hysteresis: Max. 15 (> 80)
- Protection grade：IP65
- Wiring mode: Terminal wiring
- Contact part material: brass
- Case material: black NBR

Size chart



Selection table

T20-	A	030	G14	O	detailed
T20-					Fixed switching point
	A				Hersman plug
		030			30±5℃
		040			40±5℃
		050			50±5℃
		060			60±5℃
		070			70±5℃
		080			80±5℃
		090			90±5℃
		100			100±5℃
		110			110±5℃
		120			120±5℃
			G14		Interface threadG1/4 ’
			G38		Interface threadG3/8 ’ ’
			G12		Interface threadG1/2 ’ ’
			M14		Interface threadM14×1.5
			M22		Interface threadM22×1.5
				O	Output: Normally on
				C	Output: normally closed

Note: Special temperature, process connection shape requirements can be customized.