

TEMPERATURE SWITCHES TSP

TSP 01

Temperature Switch TSP 01 in Stainless Steel.



TECHNICAL SPECIFICATIONS

Supply voltage	12 -32V DC
Supply current	40mA
Switch function	opener or closer
Temperature sensor	Pt100 class B DIN IEC751
Temperature range	-30°C up to +150°C
Output	pnp output
Switch point number	Max. 2 switch points
Electrical connection	plug M12, cable
Accuracy	0,5°C
Protection	IP 65
Hysteresis	±1,5°C
Process connection	BSP ½" in 1.4571
Tube	Ø 8, Ø 12 mm in stainless steel 1.4571
Tube length L	Max. 3000 mm
Pressure	40 bar

CHARACTERISTICS

- Electronic temperature switch in stainless steel 1.457
- Pnp output
- Temperature sensor: Pt100
- Max. temperature measuring range: -30°C up to +150°C
- Max. 2 switch points: closer or opener
- Electrical connection: plug M12 or cable
- Protection: IP65
- Process connection: BSP ½"
- Reasonable prices

AREAS OF APPLICATION

Hydraulics, Pneumatic, Plant construction, Machine tools, Process technology, Chemicals, Water treatment etc.

TSP 02

Temperature Switch TSP in Stainless Steel 1.4571 for liquids.



TECHNICAL SPECIFICATIONS

Switching capacity	250 VAC 2,5 A; 60 VDC 1 A; (min 50mA)
Switch function	opener or closer
Temperature sensor	thermocouple
Temperature range	+ 50°C to +150°C, selectable in 5°C - steps
Protection	IP 65
Electrical connection	Coupler plug DIN 43650
Measuring accuracy	± 5°C
Hysteresis	± 20°C
Process connection	BSP ½" in stainless steel 1.4571
Tube	Ø 12 mm in stainless steel 1.4571
Tube length L	Max. 3000 mm

CHARACTERISTICS

- Temperature switch in stainless steel 1.4571
- Mounting direction: any
- Temperature sensor: thermocouple
- Max. temperature measuring range: +50°C up to +150°C
- Contact: closer or opener
- Electrical connection: coupler plug DIN 43650
- Process connection: BSP ½"
- Protection: IP65
- Reasonable prices

AREAS OF APPLICATION

The temperature switches TSP 02 are used for measuring temperatures in liquids. They are suitable even for rough environments and are applicable in the following industries, among others: engineering, plant construction etc.