



## Temperature switch TSP 02

Made of stainless steel 1.4571 for liquids  
with one switch point and a variable pipe length



D-EN-TSP02-20190916

- Temperature switch made of stainless steel
- Length custom
- Process connection G $\frac{1}{2}$  "



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### Features

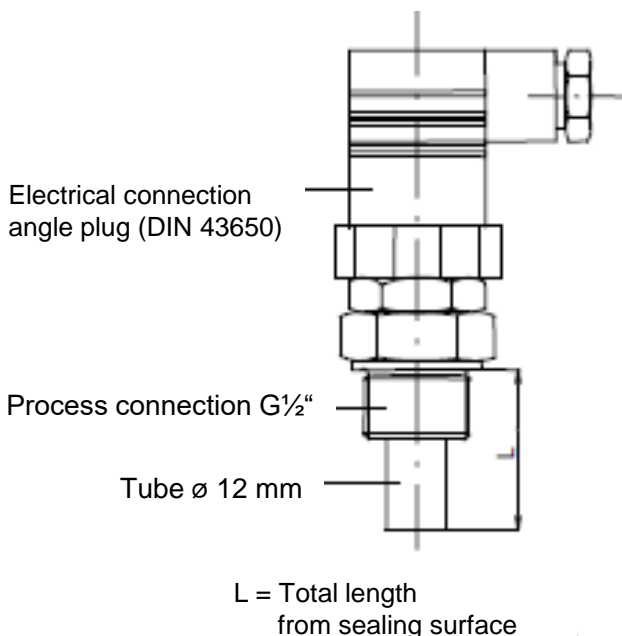
- Temperature switch made of stainless steel 1.4571
- Installation position arbitrary
- Measuring element: thermal switch
- Max. temperature measuring range: + 50 °C to 150 °C
- Fixed switching point as normally open or normally closed
- Electrical connection: Angle plug according to DIN 43650
- Protection class: IP65
- Process connection: G $\frac{1}{2}$  "
- Compact design
- Economical

### Applications

Mainly for temperature monitoring of liquid media

Due to the very good long-term stability and the robust mechanical design is the TSP 02 excellent for temperature monitoring of liquid media under harsh operating conditions. It can be used in industrial sectors such as mechanical engineering, plant engineering, etc.

### Dimensions



### Technical data

Switching capacity	250V AC 2,5A; 60V DC 1A; (min. 50 mA)
Switching function	normally open or normally closed
Measuring element	thermo switch
Temperature range	+50°C to +150°C selectable in 5 °C increments
Protection class	IP65
Electrical connection	Angle plug (DIN 43650)
Switching accuracy	±5°C
Switching hysteresis	±20°C
Process connection	G $\frac{1}{2}$ " stainless steel 1.4571
Tube	Ø 12 mm stainless steel
Length of tube L	Max. 3000 mm



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### Ordering information

#### Switching function:

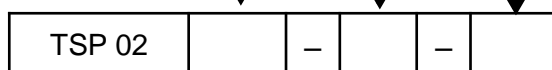
- O normally closed (NC)
- S normally open (NO)

#### Length of tube L (see fig. Dimensions)

Pipe length from sealing surface process connection  
Length of pipe:  $L \geq 30 \text{ mm}$  and  $L \leq 3000 \text{ mm}$   
Indication in mm

#### Switching points

Indicate the switching point in °C



Example: Tube 300mm, NC at +60°C: TSP 02-O-300-60