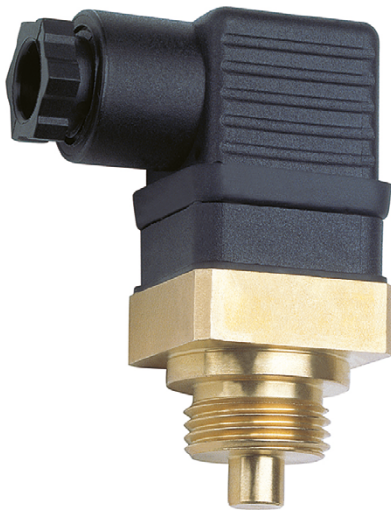




TS-01

Temperature Switch



Features

- / Any mounting position
- / Compact design
- / Brass or stainless steel
- / Cost-effective

Description:

A fully compound-filled bimetallic thermostat is embedded in a fitting from brass or stainless steel. The thermostat has a temperature value set at the factory. On reaching this temperature when the sensor is fully immersed into the medium, the switch connects either as a NO-contact or a NC-contact between pins 1 and 2 of the DIN plug which is included in the delivery. On request, the plug can be provided with an additional LED which will display the switching status.

Application:

As a temperature switch, the TS-01 is unbeatable in its simplicity. It is widely used in various applications and it is capable of reliably monitoring temperatures with fixed switch- and return points in the narrowest of space at a very affordable price. The version made of stainless steel 1.4305 is resistant to a number of extremely hostile media, thus making the TS-01 ideally suited for applications in the chemical and petrochemical industries without any problem.



Versions:

TS-01 Temperature Switches

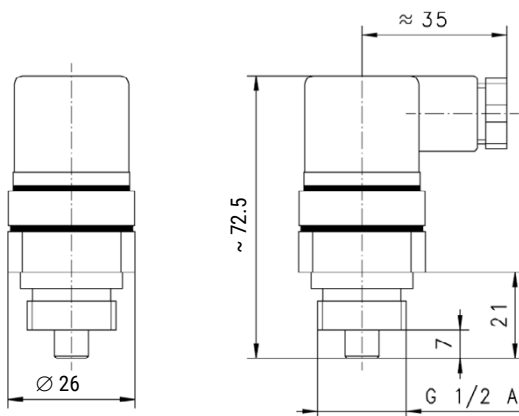
Sensor material: Optionally the TS-01 is available in brass or stainless steel versions

Switching values: The switching point can be freely selected between 40 to 120°C at intervals of 10°C

Contact function: The TS-01 can be supplied as NC or NO.

Materials: Ni-plated brass CW614N or stainless steel 1.4305, plug material PA 6.6, NBR

Dimensions in mm:



Technical Specifications:

Connection /	G1/2"-male (G3/4"-male on request)
Pressure /	PN100
Hysteresis /	10K to 20K
Tolerance /	+/-10K
Weight /	0.12 kg
Mounting /	sensor should be fully covered from media in front

Media temperature /

Switch	Media temperature
40 °C	- 20...+90 °C
50 °C	-20...+100 °C
60 °C	-20...+110 °C
70 °C	-20...+120 °C
80 °C	-20...+130 °C
ab 90 °C	-20...+140 °C

Electrical Specifications:

Electrical connection /	plug connection DIN 43650-A (plug type "Hirschmann")
Protection class /	IP65
Switching load /	250 VAC, 10 A
Media /	e.g. water, gas/air, oil
Option /	Tolerance selection from smaller hysteresis up to 10K

Ordering Codes:

Order number	TS-01. 1. [50]. 1
TS-01 Temperature Switch	
Sensor material /	1 = brass 2 = stainless steel (on request)
Setpoint in °C /	[040] [050] [060] in 10°C steps up to 120°C [120]
Contact function /	1 = NO-contact 2 = NC-contact

Electrical Connection:

