Main specifications	Other specifications
▼Installation type Surface adhesive (with high heat-resistance adhesive) / Bolt-on	**▼Plate material** SS316
▼Sensor type Pt100 / Pt500 / Pt1000 / K type thermocouple	**▼Plate size** Surface adhesive▼ 15 x 20 x 1mm Bolt-on▼ 20 x 25 x 1mm
▼Measurement range -40 to 250℃	**▼Signal cable material** PVC / Silicone rubber / Teflon
▼Ambient temperature -40 to 250℃	**▼Signal cable length** 5M / 10M Other length available upon request
▼Storage temperature -10 to 70℃	**▼Response time** ≤ 15secs
▼Storage humidity 20~90%RH	**▼Accuracy** Comply with DIN IEC751 A Class
▼Applicable media Corrosive media that compatible with SS316 such as gasoline, acetone, clean liquid acid and alkali agent	**▼Thermal conductivity** <100℃: ≥0.8W/mk >120℃: >1.5W/mk ASTM D5470
▼Protection level IP68	**▼Mechanical strength** Tension▼ 950psi ASTM D412 Extensibility▼ 300% ASTM D412 Tear strength▼ 150 lb/in^2 ASTM D624
▼Accessory Mounting screws	**▼Weight** About 200g (exclude wire)

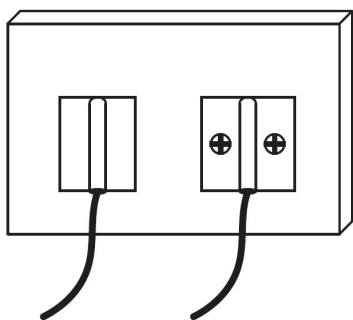# Surface Mounting Type Temperature Sensor Model: STS-02
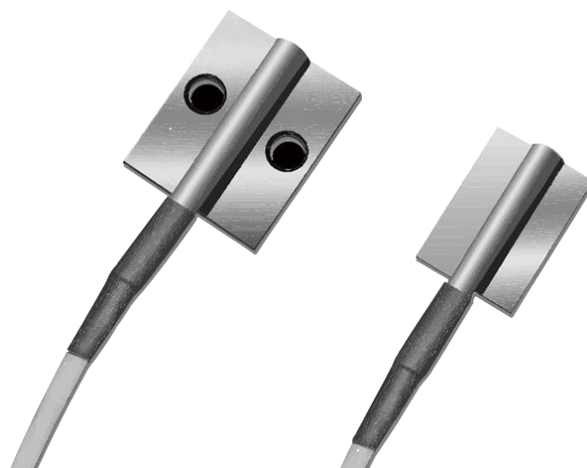
Due to the variety of customization, the picture is only for reference, please confirm the actual item with our sales.
(If there is any change on specification, please take the latest version as standard.)

Features

■ Specially designed for metal / plastic rough surface temperature measurement

■ Surface adhesive / bolt-on type available for various environments

■ Temperature measurement range: -40 to 250℃

■ Fast respond to ambient temperature

■ High accuracy - comply with DIN IEC751 A Class

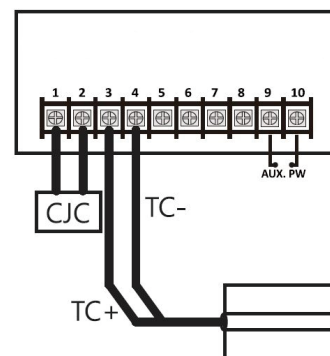■ Easy installation

■ Weather-proof, anti-corrosive design

Installation diagram

Surface measurement
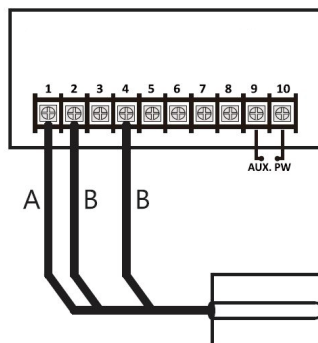
Pt100 wiring

Thermocouple wiring

How to order

STS-02					Surface Mounting Type Temperature Sensor
	Code				Sensor type
	P01				Pt100
	P05				Pt500
	P10				Pt1000
	TCK				K type thermocouple
		Code			Installation type
		A			Surface adhesive
		B			Bolt-on
			Code		Signal cable length
			05		5M
			10		10M
				Code	Signal cable material
				P	PVC
				S	Silicone rubber
				T	Teflon
					Code Other requests
					/A Inspection report
					/B Mounting screws
STS-02	P01	A	05	P	Order example: STS-02-P01-A-05-P