

Strap-On Temperature



The TS-SO is a versatile temperature sensor. The element is housed within a potted stainless steel probe insuring longevity and the standard 8^{1/2} feet of PVC lead wire allows plenty of length for simple installations.

- ◆ Cost effective
- ◆ Rapid response
- ◆ Rugged construction

Technical Data

Wire: 22 AWG, PVC/PVC

Lead length: 102"

Sheath material: 316 stainless steel

Probe diameter: 1/4"

Probe length: 2^{1/2}"

Sensor type: Pt100 RTD, Pt1000 RTD, 10K Thermistor

Accuracy:

- Pt100: +/- 0.3°C, DIN EN 60751 (according to IEC 751)
- Pt1000: +/- 0.3°C, DIN EN 60751 (according to IEC 751)
- 10K: +/-0.2°C (0...70°C), NTC standard

Operating temperature: -10...100°C

Termination connection type: tails c/w bare ends

Industry Usage

HVAC, Building automation, Energy management

ENERCORN instruments ltd

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Ordering Data

TS-SO-(sensor type)-(sensor value)

R = RTD 100 = 100 ohms
 1000 = 1000 ohms
T = Thermistor 10K = 10 K ohms

ie. TS-SO-T-10K: strap-on temperature sensor with 10K thermistor