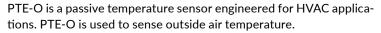


PASSIVE TEMPERATURE SENSORS PTE-0

Outside air temperature sensor for HVAC applications



PTE-O is available with the following sensor types:

- NTC1.8k
- NTC10k
- NTC20k
- Pt1000
- Ni1000
- Ni1000-LG





APPLICATIONS

PTE-O is commonly used in HVAC systems for:

- measuring outside air temperature
- measuring temperature in cold storages
- measuring inside air temperature in warehouses

MODEL SUMMARY

Description	Model	Product code	
Passive temperature sensor - outside			
- with NTC10k sensor	PTE-O-NTC10	504.011.101	
- with NTC20k sensor	PTE-O-NTC20	504.012.101	
- with Pt1000 sensor	PTE-O-Pt1000	504.013.101	
- with Ni1000 sensor	PTE-O-Ni1000	504.014.101	
- with Ni1000-LG sensor	PTE-O-Ni1000-LG	504.015.101	
- with NTC1.8k sensor	PTE-O-NTC1.8k	504.016.101	

PASSIVE TEMPERATURE SENSORS PTE-0

SPECIFICATIONS

Performance

Accuracy: NTC1.8k ± 0.5 °C @ 25 °C NTC10k ± 0.25 °C @ 25 °C NTC20k \pm 0.25 °C @ 25 °C Pt1000 ± 0.3 °C @ 0 °C Ni1000

Ni1000-LG ± 0.4 °C @ 0 °C Protection class: IP54

± 0.4 °C @ 0 °C

Technical Specifications

Environment: Operating temperature: -50 ... +50 °C

Physical

Weight:

90 g

Housing material: ABS Cover material: PC Housing dimensions: 90.0 x 95.0 x 36.0 mm

COMPANY WITH MANAGEMENT SYSTEM **CERTIFIED BY DNV GL**

= ISO 9001 = ISO 14001 =

Conformance

Meets the requirements for CE marking: RoHS Directive 2011/65/EU WEEE Directive 2012/19/EU





HOW TO GENERATE A MODEL?

Example:	Product ser	ies į			
PTE-O-NTC10	PTE	Passive temperature sensor for gas			
		Installat	ion type		
		-0	Outside		
			nt		
			-NTC1.8	1.8 kΩ @ 25 °C	
			-NTC10	10 kΩ @ 25 °C	
			-NTC20	20 kΩ @ 25 °C	
			-Pt1000	1000 Ω @ 0 °C	
			-Ni1000	1000 Ω @ 0 ℃	
			-Ni1000-LG	1000 Ω @ 0 °C	
Model	PTE	-0	-NTC10		