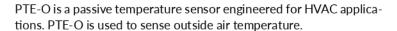


PASSIVE TEMPERATURE SENSORS PTE-0

Outside air temperature sensor for HVAC applications



PTE-O is available with the following sensor types:

- 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	





PASSIVE TEMPERATURE SENSORS PTE-0

SPECIFICATIONS

Performance

Accuracy: NTC10k

± 0.25 °C @ 25 °C

NTC20k

± 0.25 °C @ 25 °C

Pt1000

±0.3 °C @0 °C

Ni1000

± 0.4 °C @ 0 °C

Ni1000-LG $\pm\,0.4\,^{\circ}\text{C}$ @ 0 $^{\circ}\text{C}$

Protection class:

IP54

Technical Specifications

Environment:

Operating temperature:

-50 ... +50 °C

Physical

Housing material:

ABS

Cover material:

PC

Housing dimensions:

90.0 x 95.0 x 36.0 mm

Weight: 90 g

Conformance

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

WEEE Directive 2012/19/EU

COMPANY WITH MANAGEMENT SYSTEM CERTIFIED BY DNV GL

= ISO 9001 = ISO 14001 =





HOW TO GENERATE A MODEL?

Example:	Product series				
PTE-O-NTC10	PTE	Passive temperature sensor for gas			
		Installati	ion type		
		-Cable	Cable		
		-Duct	Duct		
		-Room	Room		
		-0	Outside		
		-OI	Outside with Illuminance		
			Sensor element		
			-NTC10 10 kΩ @ 25 °C		
			-NTC20 20 kΩ @ 25 °C		
			-Pt1000 1000 Ω @ 0 °C		
			-Ni1000 1000 Ω @ 0 °C		
			-Ni1000-LG 1000 Ω @ 0 °C		
Model	PTE	-0	-NTC10		