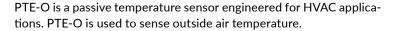
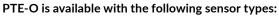


PASSIVE TEMPERATURE SENSORS PTE-0

Outside air temperature sensor for HVAC applications





- 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

± 0.4 °C @ 0 °C

Protection class:

IDE 4

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 ser	ies				
PTE-O-NTC10	PTE	Passive t	Passive temperature sensor for gas			
		Installat	Installation type			
		-Cable	Cable			
		-Duct	Duct			
		-Room	Room			
		-0	Outside			
		-OI	Outside with I	lluminance		
			Sensor element			
			-NTC10	10 kΩ @ 25 °C		
			-NTC20	20 kΩ @ 25 °C		
			-Pt1000	1000 Ω @ 0 °C		
			-Ni1000	1000 Ω @ 0 ℃		
		Ĭ	-Ni1000-LG	1000 Ω @ 0 °C		
Model	PTE	-0	-NTC10			