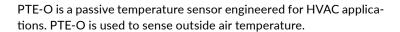


# PASSIVE TEMPERATURE SENSORS PTE-0

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

± 0.4 °C @ 0 °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 ser	es .			
PTE-O-NTC10	PTE	Passive temperature sensor for gas			
		Installati	on type		
		-Cable	Cable		
		-Duct	Duct		
		-Room	Room		
		-0	Outside		
		-01	Outside with II	lluminance	
			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		