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HRTS-5760-B-U-0-12

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Actual product appearance may vary.

HRTS Series temperature sensor, platinum RTD, bolt on mount, armor cable leadwires

Features

Resistance interchangeable
Accurate
Linear
Fast
Laser trimmed

Potential Applications

HVAC: room, duct and refrigerant equipment
OEM assemblies
Electronic assemblies: semiconductor protection, temperature compensation
Process control: temperature regulation

Description

The HRTS is designed to measure surface temperatures from -200 °C to 480 °C [-320 °F to 900 °F] in printed circuit, temperature probe, or other applications. HRTS surface temperature sensors are fully assembled elements, ready to use, without the need for fragile splices to extension leads.

Supporting Documentation

Charts and diagrams

Product Specifications	
Termination	Leadwires
Termination Material	28 Gauge, nickel-coated stranded copper, Teflon insulated
Availability	Global
Sensor Type	1000 Ohm platinum RTD
Temperature Coefficient	0.00375 Ohm/Ohm/°C
Packaging Type	Ceramic case
Temperature Sensing Range	-200 °C to 260 °C [-320 °F to 500 °F]
Time Constant on metal surface	20 s, typ.
Supply Voltage	Not applicable
Supply Current (Recommended)	1 mA typ., 2 mA max.
Self Heating	<0,3 mW/°C typ.
Series Name	HRTS
Construction	Alumina case: epoxy potting (Teflon leads); ceramic potting (Fiberglass leads)
UNSPSC Code	411121
UNSPSC Commodity	411121 Transducers

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