

Control & Sensing Products for HVAC-R

**NTC10K DUCT TYPE TEMPERATURE SENSOR**

**DMS.NTC10K  
Temperature Sensor**



DMS.NTC10K Duct Type Temperature Transmitter is used in many applications such as air handling units where temperature are monitored or controlled, hygienic air conditioner, pool dehumidification unit, greenhouses, storage areas, laboratories and data centers.

**Technical Property**

<b>Environmental Characteristics Data</b>	Working / Storage Temperature	-20 ... +80°C / -20 ... +80°C (Without icing and condensation)
	Relative humidity	0...100 % r. H (Without icing and condensation)
	Height	Up to 2000m
	Application	Air
<b>Measurement Data</b>	Measurement Parameter	Temperature
	Range Of Temperature Measurement	-20 ... 80°C [-5 ... 175°F]
	Range Of Humidity Measurement	0 ... %100 relative humidity, non-condensing
	Accuracy	± 2% r.h. (20 ... 80% r.h. range)
		± 4% r.h. (0 ... 1000% r.h. range)
Measuring Time	± 0,5 °C (20 ... 40 °C range)	
	± 1 °C (0 ... 70 °C range)	
<b>Security Data</b>	Ambient Humidity	0 .. 100 % r. h. (Non condensing)
	Ambient Temperature	-35...50°C [-30...120°F], (Without icing and condensation)
	Degree of Protection	IP 65
	Certification EN	EN 60529

**Models**

DMS.NTC10K