

Models

STC8-11 (10K Ω)
STC8-13 (3.3K Ω)

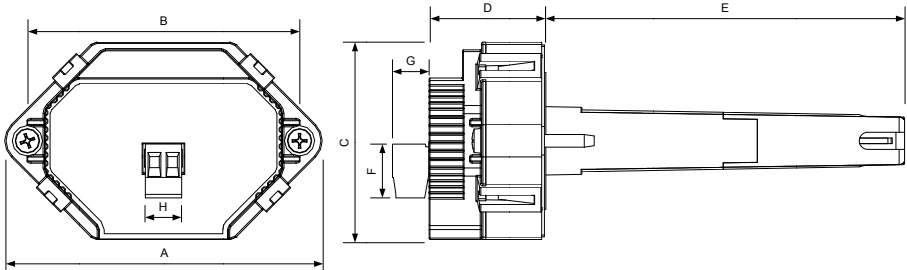
Features

- High accuracy
- Fast thermal response
- Epoxy encapsulated sensor
- High stability and long life
- Resistor/Temperature Curve “G” matched (STC8-11, 10 K Ω)
- Resistor/Temperature Curve “A” matched (STC8-13, 3.3 K Ω)



Duct Temperature Sensor

Technical Data

Specification	STC8-11	STC8-13																																																																																																								
Description	Duct sensor for remote temperature reading. Can be used with a temperature controller TRO, TFC, TFH, TFP, EFC or EVC from Neptronic®	Duct sensor for remote temperature reading. Can be used with TR5404 and electric heaters.																																																																																																								
Sensor	Negative Temperature Coefficient (NTC)																																																																																																									
Resistor @ 25°C	10 K Ω (β 0-50 = 3575)	3.3 K Ω																																																																																																								
Dissipation Constant	1 mW/°C	-																																																																																																								
Maximum Power Rating	30 mW @ 25°C (77°F) derated to 1 mW @ 125°C (257°F)	-																																																																																																								
Tolerance	$\pm 0.2^\circ\text{C}$ from 0°C to 70°C (32°F to 158°F)	$\pm 2^\circ\text{C}$ from 2°C to 35°C (35°F to 95°F)																																																																																																								
Operating Temperature	-40°C to 80°C (-40°F to 176°F)																																																																																																									
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Recycling at end of life: please return this product to your Neptronic local distributor for recycling. If you need to find the nearest Neptronic authorized distributor, please consult www.neptronic.com.