Strip Sensing Thermal-Ribbons™

Overview

These models average temperatures along their length to eliminate point measurement errors. Wrap them around cylinders or adhere them to flat surfaces.

Model S3238

Model S3238 is specially designed to sense stator temperatures in motors and generators. An alternative to the “stick” sensors, the S3238 mounts on the end turns of stator windings and provides an easy way to add overtemperature protection when the stator is not being rewound.

Specifications

Dimensions W x L x T_{max}	Element options	Insulation	Temperature range	Leadwires	Time constant*	Features	Model
0.50 x 1.25 x 0.050" (12.7 x 31.8 x 1.3 mm)	PA, PE, CA, NA	Polyimide	-73 to 200°C -100 to 392°F	AWG 26, PTFE insulated	0.17 sec.	Easy motor installations	S3238
0.375 x 4.00 x 0.075" (9.5 x 101.6 x 1.9 mm)	PB22	Silicone rubber w/ polyimide backing	-62 to 220°C -80 to 428°		0.6 sec.	Platinum PD accuracy	S34
	PD12 PE22						S386
0.375 x 4.00 x 0.065" (9.5 x 101.6 x 1.7 mm)	FA	Polyimide	-200 to 200°C -328 to 392°F		0.2 sec.	Wire-wound nickel-iron for high resistance, thin element	S35
	FA	Mylar	-100 to 150°C -148 to 302°F		0.3 sec.	Wire-wound nickel-iron,low cost	S2