

FREEZER

Thermistor Sensor



GLYCOL BOTTLE

A

H: 3.39"

DIAMETER

CAP: 1.10"

DIAMETER

BOTTLE: 1.53"

TEFLON LEAD

B

L: 30'



FREEZER THERMISTOR

The ACI Thermistor Freezer Sensor Series is designed to withstand the extreme temperature fluctuations that cause issues with standard temperature sensors in your typical freezer application. They come standard with 30' of Teflon leads.

The ACI Thermistor Freezer Series is covered by ACI's Two (2) Year Limited Warranty, which is located in the front of ACI's Sensors & Transmitters catalog or can be found on ACI's web site, which is: www.workaci.com.

SENSOR OUTPUTS

Sensor	Output
A/CP	10K Ohms @ 77°F (25°C)
A/AN	10K Ohms @ 77°F (25°C)
CSI	10K Ohms @ 77°F (25°C)
3K	3K Ohms @ 77°F (25°C)
1.8K	1.8K Ohms @ 77°F (25°C)
20K	20K Ohms @ 77°F (25°C)



Made in the U.S.A.

FREEZER

Automation Components, Inc.



Thermistor Sensor

SPECIFICATIONS

Accuracy	+/-0.2°C (+/-36°F)
Stability	+/-0.13°C (+/-23°F)
Operating Temperature Range	-40 to 302°F (-40 to 150 °C)
Interchangeability	+/-0.2°C (+/-0.36°F)
Power Dissipation Constant	3 mW/°C

ORDERING INFO (Sensors)

BUILD YOUR PART#

EXAMPLE

A/CP - FRZ2" - - - - - 30'

FRZ2" 30'

STEP 1	A SENSOR SERIES	B CONFIGURATION	C ENCLOSURE	D LEAD WIRE
Select sensor series, configuration, enclosure (if needed) & lead wire.	A/CP 10K Ohms	FRZ2"	(--) None	(30') 30' Leads
	A/AN 10K Ohms		(GD) Galvanized Raco Box	
	A/CSI 10K Ohms		(4X) NEMA 4X	
	A/3K 3K Ohms			
	A/1.8K 1.8K Ohms			
	A/20K 20K Ohms			

ORDERING INFO (Glycol)

BUILD YOUR PART#

EXAMPLE

A/GLYCOL-3PT-KIT

STEP 1	A CONFIGURATION
Select glycol bottle. Does not include sensor (see above)	A/GLYCOL-KIT (Mounting bracket and glycol bottle)
	A/GLYCOL-3PT-KIT (Mounting bracket and glycol bottle with three sensor wells)
	A/GLYCOL BOTTLE (Single probe)
	A/GLYCOL BRACKET (Bracket only)

