



# TEMPERATURE

## THERMAL VIAL TEMPERATURE SENSING A/XXXLTS SERIES

### DESCRIPTION

The **ACI A/XXXLTS Thermal Vial Temperature Sensing** is ideal for freezers, coolers, and refrigeration units to monitor the temperature of the contents, rather than the air temperature. The vial is filled with fluid such as glycol or water which emulates the material being stored.

**NEW!**



### FEATURES

- 100, 1k 385 RTD or 4-20 mA transmitter models
- 72" (183 cm), 120" (305 cm), 360" (914 cm) models
- Used in Freezer applications



A100LTS6B

### SPECIFICATIONS

<b>Supply Voltage</b>	18.5 to 32 VDC loop powered (TT1K only)	<b>Dimensions</b>	
<b>Accuracy</b>	±1.5% of span	<b>Bottle/bracket</b>	3.4" H x 1.8" W x 1.6" D (8.6 x 4.6 x 4.1 cm)
<b>Signal Output</b>	4-20 mA @ 500Ω (TT1K only)	<b>NEMA 4X</b>	(TT1K only) 3.7" H X 2.6" W x 2.2" D (9.4 x 6.6 x 5.6 cm)
<b>Sensor Type</b>	100Ω platinum three wire 385 curve 1KΩ platinum three wire 385 curve	<b>Enclosure Rating</b>	NEMA 1
<b>Operating Temperature</b>	-324° to 302°F (-198° to 150°C)	<b>Weight</b>	0.76 lb (0.34 Kg) maximum
<b>Materials of Construction</b>		<b>Approvals</b>	RoHS
<b>Probe</b>	Stainless steel	<b>Warranty</b>	2 years
<b>Enclosure</b>	(TT1K only) NEMA 4X Plastic		

### ORDERING INFORMATION

MODEL	DESCRIPTION
A/	Thermal Vial Sensing
<b>Sensors</b>	
100LTS	100Ω 385 RTD
1KLTS	1KΩ 385 RTD
TT1KLTS	4-20 mA transmitter, NEMA 4X plastic
<b>Ranges</b>	
Z	Range -148 to 32°F (-100 to 0°C) (TT1K model only)
M	Range -58 to 122°F (-50 to 50°C) (TT1K model only)
C	Range 32 to 212°F (0 to 100°C) (TT1K model only)
<b>Lengths</b>	
6	72" lead
10	120" lead
30	360" lead
<b>Accessory</b>	
B	Glycol bottle and bracket



**Example:** A/TT1KLTSM6B Thermal vial sensing NEMA 4X plastic, 4-20 mA output of range -58 to 122°F, 72" lead

**DCPA-1.2**  
**DCP-1.5-W**

**RELATED PRODUCTS**  
Power supply, 120 VAC In to 24 VAC/24 VDC Out  
Power supply, 24 VAC IN to 24 VDC OUT