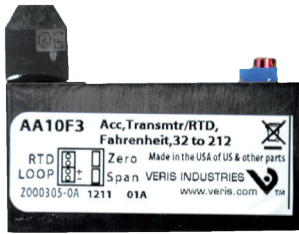


AA10

Temperature Range Configuration



NOTICE

- This product is not intended for life or safety applications.
- Do not install this product in hazardous or classified locations.
- Read and understand the instructions before installing this product.
- Turn off all power supplying equipment before working on it.
- The installer is responsible for conformance to all applicable codes.

No responsibility is assumed by Veris Industries for any consequences arising out of the use of this material.

PRODUCT IDENTIFICATION

AA10

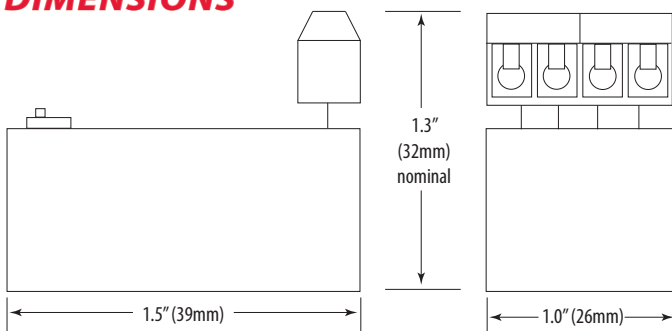
°C	°F	Order Code
-50 to 50	-58 to 122	1
0 to 50	32 to 122	2
0 to 100	32 to 212	3
10 to 35	50 to 95	4
0 to 150	32 to 302	5
-18 to 38	0 to 100	6
-18 to 121	0 to 250	7
-18 to 66	0 to 150	8
-29 to 66	-20 to 150	9
-60 to 70	-76 to 158	10
0 to 66	32 to 150	11

Example:
AA10C3

AA10SPC01363
AA10SPC01365
AA10SPC01366

°C	°F
-7 to 49	20 to 120
0 to 30	32 to 86
-10 to 10	14 to 50

DIMENSIONS



SPECIFICATIONS

Transmitter:

Input Voltage	12 to 24VDC
Loop Resistance	250 Ω, 13.5V min.; 500 Ω, 18.5V min.
Output	4-20mA, 2-wire, loop powered; 1-5VDC with 250 Ω resistor
Transmitter Accuracy	±2.5% of span (typical)
Adjustment	±5% zero and span
Ambient Temperature	0° to 50°C (32° to 122°F)
Encapsulation	Epoxy encapsulated

Sensor (sold separately):

Sensor Type	RTD, Platinum, 100 Ω, 0.0385α
Sensor Accuracy	±0.30°C
Conversion Resistor	250Ω min. ¼ watt

PRODUCT OVERVIEW

The AA10 is intended for use with a 100 Ω platinum RTD (0.0385α) to provide either a 4-20 mA or a 1-5 VDC temperature signal.

INSTALLATION

1. Disconnect power to the control panel.
2. Wire the AA10 as shown in the Wiring section. For a 1-5 VDC output, use a 250 Ω resistor (not included).
3. Refer to the Product Identification chart to determine the output temperature range scaling.

WIRING

