



K-Type Thermocouple Extension Harness

The 30-2066 K-Type Thermocouple Extension Harness kit contains a 10' thermocouple grade extension harness, along with mounting hardware to mate with the AEM 30-2065 K-Type Thermocouple. The sensor end of the harness contains two ring terminals that connect to the 30-2065 K-Type thermocouple, see figure 1 below for details on connecting to the K-Type thermocouple. The other end of the harness contains a 3-position single row connector that mates with various AEM EGT devices. For use with a different style of connector, the harness can be cut and reterminated. NOTE: Pay special attention to polarity and wire color when reterminating. YELLOW IS POSITIVE, RED IS NEGATIVE.

Connecting the Extension Harness and Thermocouple

Slide the supplied heat shrink onto the sensor cable. Connect the RED wire from the thermocouple to the RED wire on the harness and the YELLOW wire from the thermocouple to the YELLOW wire on the harness using the supplied 4-40 screws and hex nuts. Make sure the connections are not touching. Center the heat shrink over the connections and apply mild heat to the heat shrink until it shrinks over the connections.

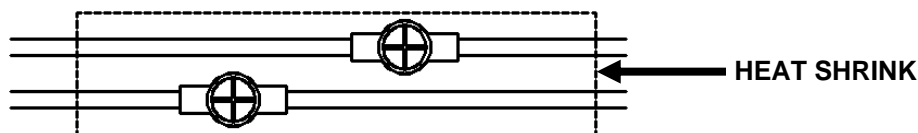


Figure 1. K-Type Thermocouple Connection

Kit Contents:

- 1 x 10' Extension Harness
- 2 x 4-40 Hex Nut
- 2 x 4-40 Screw
- 1 x Heat Shrink, 6"

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Instruction Part Number: 10-2066

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Part Number:	30-2066
Wire Type:	K-type Thermocouple
Harness Length:	10'
Temperature Rating, Insulation:	105C
Sensor Termination:	Ring Terminal
Polarity:	+ Yellow
	- Red

AEM Electronics Warranty

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Any AEM electronics product can be returned for repair if it is out of the warranty period. There is a minimum charge of \$50.00 for inspection and diagnosis of AEM electronic parts. Parts used in the repair of AEM electronic components will be extra. AEM will provide an estimate of repairs and receive written or electronic authorization before repairs are made to the product.