

About this Manual:

This manual describes the installation and operation of the ES1A Non-contact Temperature Sensor and includes the sections described below.

Please read this manual carefully and be sure you understand the information provided before attempting to install and operate the ES1A Non-contact Temperature Sensor.

Section 1 provides the features of the ES1A and a list of available models.

Section 2 provides the dimensions for all ES1A models.

Section 3 provides the ratings, field-of-view characteristics, and accuracy of the ES1A.

Section 4 provides the ES1A operation principle and causes of errors.


Section 5 provides details on the input shift in relation with various Temperature Controllers.

Section 6 provides installation procedures and precautions.

Section 7 provides various application examples.

Section 8 provides probable causes and remedies of ES1A errors.

The appendix provides radiation rates of various materials.

 WARNING Failure to read and understand the information provided in this manual may result in personal injury or death, damage to the product, or product failure. Please read each section in its entirety and be sure you understand the information provided in the section and related sections before attempting any of the procedures or operations given.
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