

## 2132 & 2116 Controller with Sensor Break Detection removed

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### DESCRIPTION

This special version of the 2132 & 2116 controller is supplied with the sensor break detection removed. It is designed to support 'Exergen' Infra Red Pyrometer inputs where the source impedance exceeds 15Kohm.

This special is a hardware modification to the standard controller with the capacitor C31 on the microprocessor board removed. It uses the standard controller software.

### SAFETY WARNING

In the event of a sensor break, the process value will 'float' to an undetermined value. It may read upscale or downscale or any value in between. The value cannot be predicted and can vary from controller to controller. Consequently the control outputs will also assume undetermined states. The outputs may be permanently full on or full off or time proportion between the two states. It is not predictable.

Because of the undefined state of the control outputs, careful consideration must be given to the risk of damage to the product or the machinery being controlled, or harm to an operator. If such a risk exists then it is the responsibility of the installer to ensure that independent protection, where applicable, is provided.