

Analogue Input Terminal

User Manual

General

The Analogue Input Terminal is designed to interface resistive devices such as thermistors or potentiometers to the EMACSYS analogue port.

Terminals

Each input has two terminals: One (-) is connected to the 0 Volt line while the other is connected to the internal 3.3 Volt supply rail via a 10K ohm resistor. Any input can be isolated from the resistor by removing the corresponding link thus making it possible to use the module with a mix of passive and active devices.

Reference Output

A single terminal marked + Ref is connected directly to the internal 3.3 Volt supply rail and can be used as a reference for other analogue devices. It is advisable that any connections on this line should be kept as short as possible and that current drawn from this terminal be restricted to 10mA.

Phaedrus Limited
The Boiler House
5 Marsh House Mill
Brussels Road
Darwen
BB3 3JJ
U.K.

Tel / Fax +44 (0)1254 772622
e-mail tech@emacsys.com

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