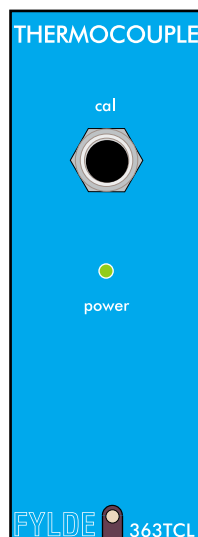


## FE-363-TCL Linearised Thermocouple Amplifier



The Fylde FE-363-TCL Linearised Thermocouple Amplifier is a module in the range of miniature signal conditioning equipment, and is intended to be used with thermocouple sources as a pre-amplifier to condition the signal in individual or multi-channel applications.

The module contains all the necessary requirements for thermocouple conditioning and features cold junction reference, differential amplifier, and thermocouple linearisation.

In its standard form the module receives the signal from a type K thermocouple and produces a linear output equivalent to temperatures in the specified temperature range. A choice of four standard temperature ranges is available.

The output may be sent to a calibration level using the front panel push-button.

The response time of the module is set by an on board plug in resistor network, and rise times as fast as 100  $\mu$ s can be handled.

The module is compatible with FYLDE instrument cases or racks and may be mains or d.c. powered, as required.

