

DATS Measurement Card

8X08 8ch Thermocouple



Key Features

- 8 channels of thermocouple inputs
- Universal input connector supports all popular thermocouple types
- Integral cold junction
- Typical accuracy: 0.5°C



This is the universal thermocouple card suitable for use with industry standard connector types. The 8408 provides up to eight thermocouple inputs and supports all popular thermocouple types. This card gives the option for temperature data to be integrated and synchronised with noise and vibration data.

This card can be fitted to:

DATS-tetrad (8608)

DATS-hyper12 (8508)

P8012 (8408)

Description	8ch Thermocouple
Input channels	8
Output channels	n/a
16-bit sample rate *	n/a
24-bit sample rate *	500
Effective bandwidth	n/a
Anti-aliasing attenuation	n/a
DC Input	✓
AC Input	✗
IEPE Input	✗
Charge Input	✗
Programmable excitation	✗
Non-linearity	< 1 bit
Accuracy	±0.1% FSD
Tacho channels	n/a
Tacho input range	n/a
Supports TEDS	✗
Autozero	✗
Input range	Thermocouple
Output range	n/a
Input common mode range	n/a
Absolute max input range	n/a
Prog. bridge completion	✗
Connector	IsoThermal Block
Power usage (worst case)	6.2W

* All sample rates are specified in number of samples per second per channel

Prosig Ltd

Link House, High St
Fareham, Hampshire
PO16 7BQ
United Kingdom

UK: +44 (0) 1329 239925

sales@prosig.com

USA: +1 847-228-0985

prosigusa@prosig.com

www.prosig.com

V1.00 06-Apr-2020 Copyright © Prosig Ltd

Prosig maintains a policy of continuous product development and improvement. Specifications may be subject to change without prior notice and shall not form part of any contract..

