

FS-1000-CAN-2 STRAIN GAUGE AMPLIFIER

THE FS-1000-CAN-2 IS A STRAIN GAUGE AMPLIFIER SYSTEM THAT IS REDFINING STRAIN GAUGING. THE SUPER ACCURATE TEMPRETURE COMPENSATION USING A CAN INTERFACE FOR PROGRAMMING AND OUTPUTING DATA ,IT ALSO BOASTS AN ANALOG OUTPUT WITH FILTERING IF REQUIRED . PROGRAMMING SOFTWARE IS SUPPLIED

FEATURES

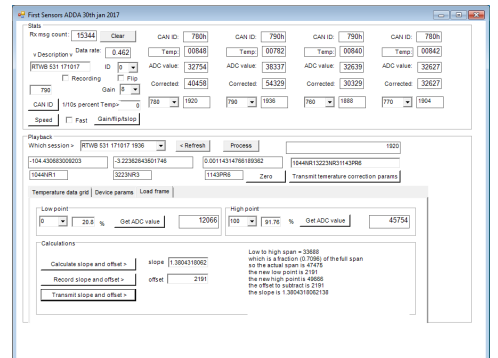
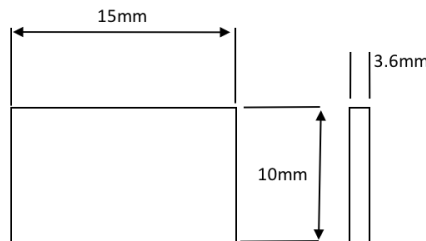
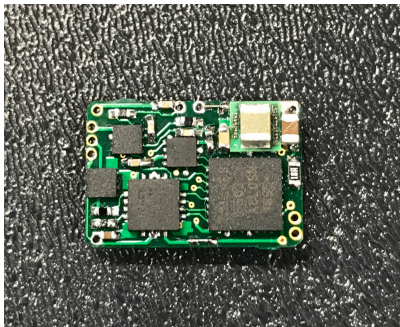
- BUILT IN TEMP SENSOR
- EXTETERNAL TEMP INPUT
- PROGRAMABLE THROUGH CAN
- ULTRA SMALL SIZE
- 10 TO 145C WORKING RANGE

ELECTRICAL

- CURRENT CONSUMPTION 17Ma
- VOLTAGE INPUT RANGE 7V TO 24V
- OUTPUT CAN/ ANALOG
- MAXIMUM WORKING TEMP 145C
- MAXIMIUM TEMP INPUT 250C
- FREQUENCY RESPONSE 500HZ

CONFIRGURATIONS

- FULL BRIDGE
- HALF BRIDGE
- ¼ BRIDGE
- SILCON BRIDGE
- CARBON FIBRE



FOR BEST RESULTS THE AMPLIFIER SHOULD USE THERMALOCK STRAIN GAUGES , THESE STRAIN GAUGES HAVE A BUILT IN TEMPRETURE SENSOR OR USE A THIN FILM TEMPRETURE OVERLAY . THIS IS MAINLY RECOMMENDED FOR CARBON FIBRE STRAIN GAUGES

ADDA SOFTWARE ALLOWS YOU TO TEMPRETURE COMPENSATE UPTO FOUR DIFFERENT FS-1000-CAN-2 AT ONE TIME . YOU CAN ALSO SET THE GAIN AND OFFSET AND CHANGE THE CAN ID . OTHER FEATURES INCLUDE INPUT FLIP AND PREAMPLIFIER GAIN SETTING

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