

FS-1000-CAN-2 STRAIN GAUGE AMPLIFIER

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

FULL BRIDGE

HALF BRIDGE

SILCON BRIDGE

¹/₄ BRIDGE

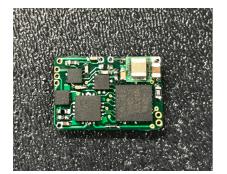
CONFIRGURATIONS

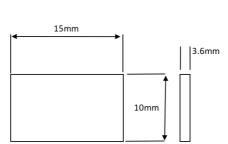
FEATURES

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 TEM	P 145C	
MAXIMIUM TEMP INPUT	250C	
FREQUENCY RESPONSE	500HZ	

CARBON FIBRE
😌 First Sensors ADDA 30th jan 2017
Balls Cell D Tight Tight
1044/NR1 3223NR3 1143PR6 Zero Transmittementure correction parameter
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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

NEW SENSORS FOR 2017

FIRST SENSORS

VINCES ROAD DISS NORFOLK IP224HQ

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

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