



SG-1-C STRAIN GAGE TO CAN MODULE

SPECIFICATION SHEET

Parameter	Value	Unit
STRAIN GAGE		
Gain	70 to 1280	-
Offset	0 to 5	V
Input Range	0 to 800	mV
Excitation	5	V
Resolution	16	bit
Accuracy	0.1	% FSO
CAN BUS		
Data Rate	1-200	Samples/sec
Bit Rate	Up to 1	Mbit/s
CAN ID (default)	0x004	Hex
Message Format	Unsigned 16-bit	-
Message position	Bits 1-16	-
POWER		
Supply Voltage	6 - 24	V
Current	50	mA
ENVIROMENTAL		
Temperature	-40 to 125	C

Description	Wire Color
STRAIN GAGE INPUT	
SIG +	ORANGE
SIG -	YELLOW
Excitation +	RED
Excitation -	BLACK
CAN BUS/POWER	
CAN HI	BLUE
CAN LO	WHITE
Supply Positive	RED
Ground	BLACK

*Specifications are subject to change without notice