



REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
P1-D1	PRODUCTION PILOT	05/06/2020	GDV

AXIOMATIC
Global Electronic Solutions
Strain Gauge Controller
SAE J1939
P/N: AX200300

Grey Receptacle		Black Receptacle	
	PIN #		PIN #
+5V Excitation 1	1	V GND 3	1
V In 1+	2	V In 3-	2
+5V Excitation 2	3	V GND 4	3
V In 2+	4	V In 4-	4
Tare Input	5	Interlock +/-	5
Battery -	6	CAN H	6
Battery +	7	CAN_L	7
Analog/Digital Output	8	Interlock +/-	8
V In 2-	9	V In 4+	9
V GND 2	10	+5V Excitation 4	10
V In 1-	11	V In 3+	11
V GND 1	12	+5V Excitation 3	12

Ø0.291 in
[Ø7.39 mm]
To suit an M6
or 1/4" bolt (2)

AXIOMATIC
Global Electronic Solutions
Strain Gauge Controller
SAE J1939
P/N: AX200300

Grey Receptacle		Black Receptacle	
	PIN #		PIN #
+5V Excitation 1	1	V GND 3	1
V In 1+	2	V In 3-	2
+5V Excitation 2	3	V GND 4	3
V In 2+	4	V In 4-	4
Tare Input	5	Interlock +/-	5
Battery -	6	CAN_H	6
Battery +	7	CAN_L	7
Analog/Digital Output	8	Interlock +/-	8
V In 2-	9	V In 4+	9
V GND 2	10	+5V Excitation 4	10
V In 1-	11	V In 3+	11
V GND 1	12	+5V Excitation 3	12

Unit Label

Gray receptacle keyed "A"
mates with DTM06-12SA.

Black receptacle keyed "B"
mates with DTM06-12SB.

DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED IN DRAWING TOLERANCE ON:	
FABRICATION	MACHINING
X.XXX ± 0.015	X.XXX ± 0.005
X.XX ± 0.01	X.XX ± 0.01
X.X ± 0.1	X.X ± 0.1
ANGLES ± 1.0	ANGLES ± 1.0

MATERIAL	FINISH	THIRD ANGLE PROJECTION	TOOL	INVENTOR	APPROVED
NA	NA			GDV	GDV

TITLE			
Strain Gauge Controller, SAE J1939			
DWG REV	DWG NO	PART REV	
D1	AX200300-MD	P1	
SCALE	PART NO	SHEET	
1	AX200300	1 of 1	

PROPRIETARY
THE INFORMATION CONTAINED IN THIS DRAWING IS CONFIDENTIAL AND PROPRIETARY AND REMAINS THE EXCLUSIVE PROPERTY OF AXIOMATIC TECHNOLOGIES CORPORATION. THIS DRAWING MAY NOT BE USED, REPRODUCED IN WHOLE OR IN PART, NOR REVEALED TO OTHERS WITHOUT THE PRIOR WRITTEN CONSENT OF AXIOMATIC TECHNOLOGIES CORPORATION. BY ACCEPTANCE OF THIS DRAWING, THE BEARER AGREES TO THESE CONDITIONS.

AXIOMATIC
Global Electronic Solutions

AXIOMATIC TECHNOLOGIES CORPORATION
5915 WALLACE ST.
MISSISSAUGA, ON
CANADA L4Z 1Z8
905-602-9270