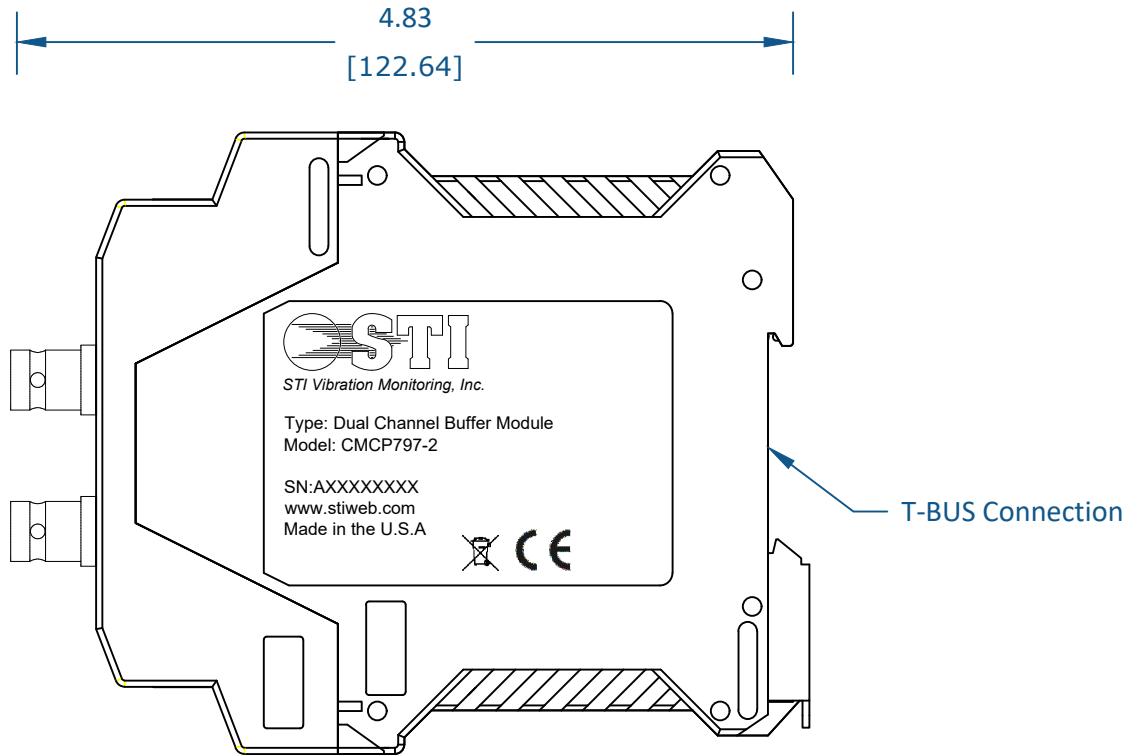
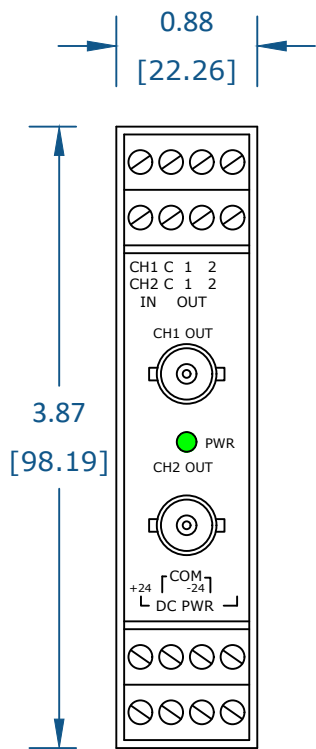


9 8 7 6 5 4 3 2 1



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REV	DATE	DRAWN	DESCRIPTION

CUSTOMER				STI Vibration Monitoring League City, Texas	
LOCATION		DRAWN M. Howard		DATE March 6, 2020	
ORDER NO.		CHECK D. Robertson		DATE March 6, 2020	
SR. NO.		ENG. STI VMI		DATE 2019	
		MFG. STI VMI		In Production	
		APPR. M. Howard		DATE March 6, 2020	
				SIZE A	
				DWG. NO. 797-2 DIMS	
				REV. A	
				Scale: 1:1	
				Sheet: 1 of 1	

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9 8 7 6 5 4 3 2 1

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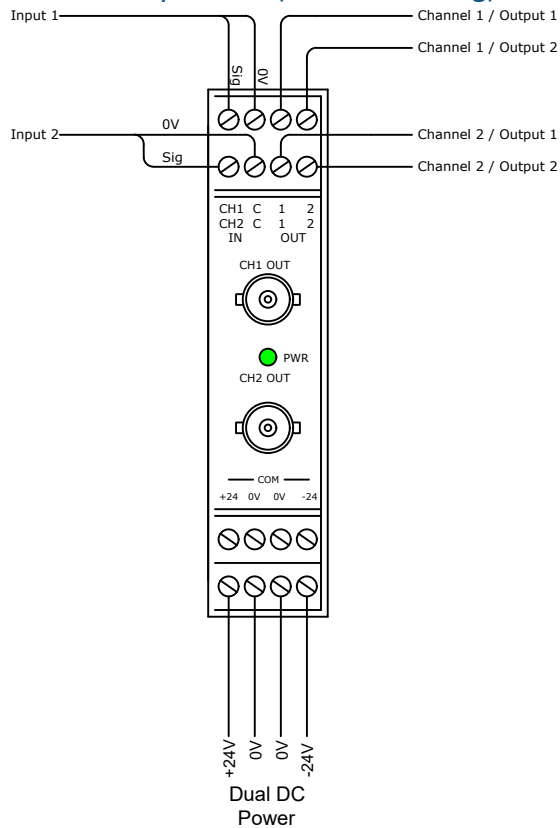
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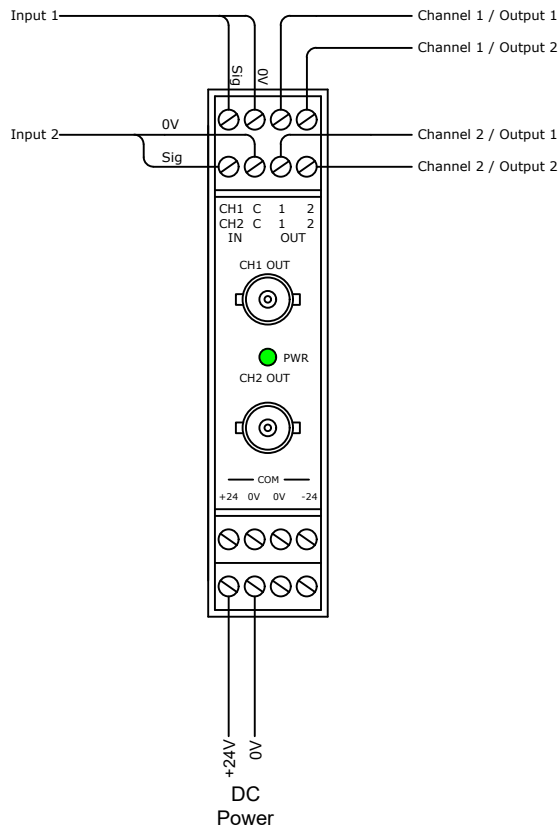
B

A

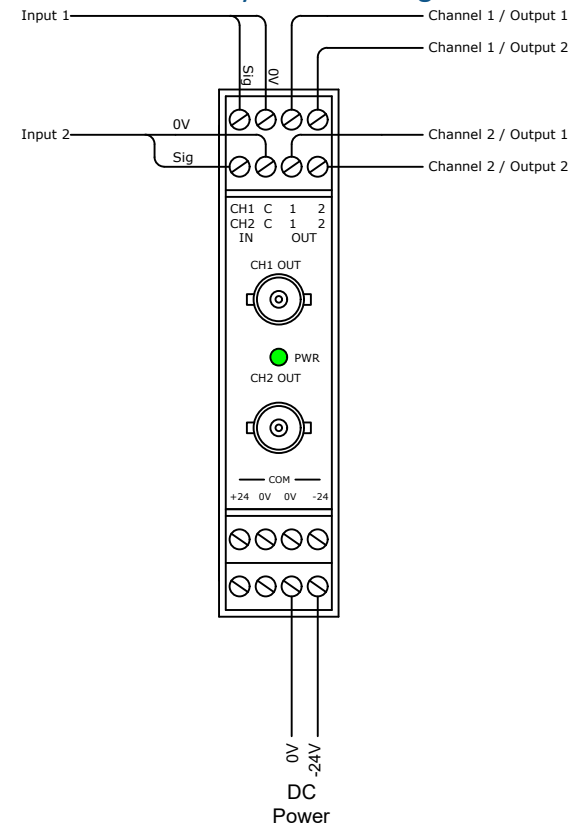
Electro-Mechanical Velocity Sensor (Self Generating)



IEPE/ICP Powered Accelerometer Wiring



-24VDC Proximity Probe Wiring

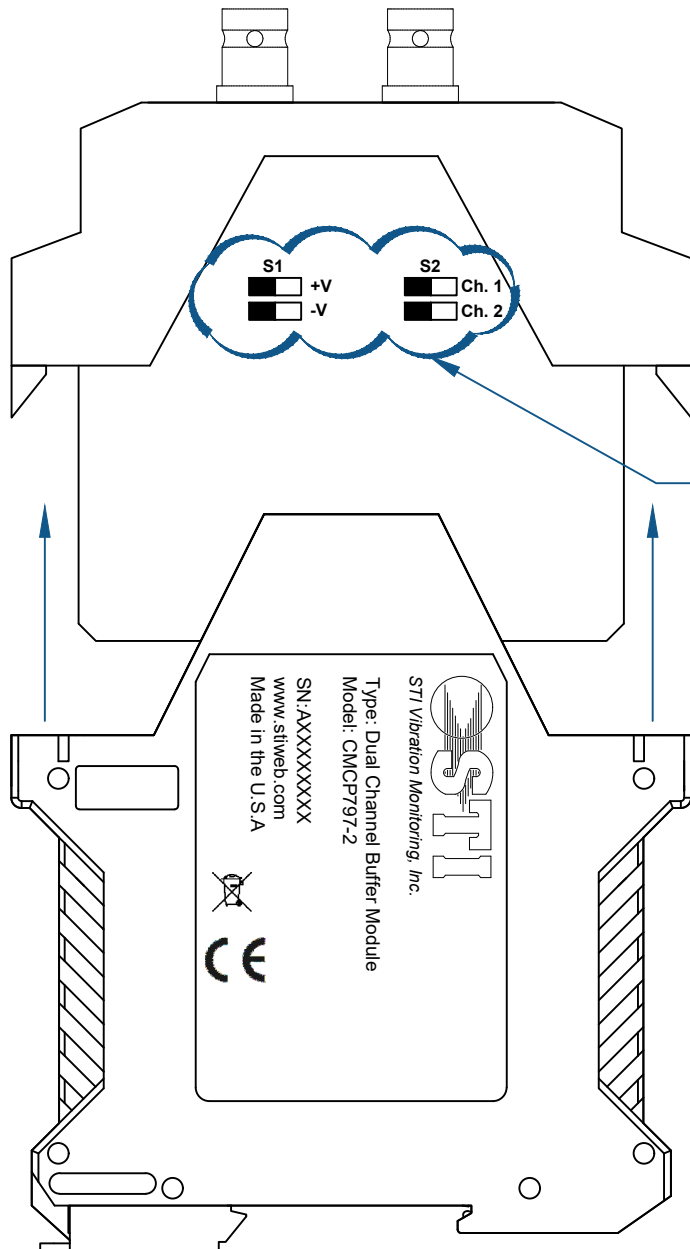


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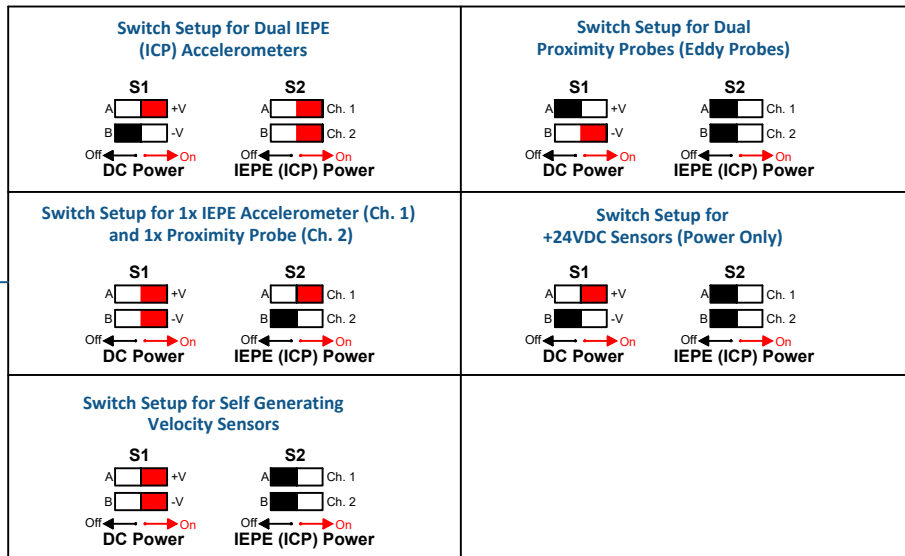
REV	DATE	DRAWN	DESCRIPTION

CUSTOMER LOCATION ORDER NO. SR. NO.				STI Vibration Monitoring League City, Texas	
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE INCHES.		DRAWN M. Howard DATE March 6, 2020		CMCP797-2 Wiring Diagrams	
TOLERANCES: FRACTIONS .XX ± 0.01 ANGLES ± 1.0 .XXX ± 0.005 .XXXX ± 0.0005		CHECK D. Robertson DATE March 6, 2020 ENG. STI VMI 2019 MFG. STI VMI In Production APPR. M. Howard DATE March 6, 2020		SIZE A DWG. NO. 797-2 WIRING Scale: 1:1 Sheet: 1 of 1	

9 8 7 6 5 4 3 2 1



Sensor Configuration



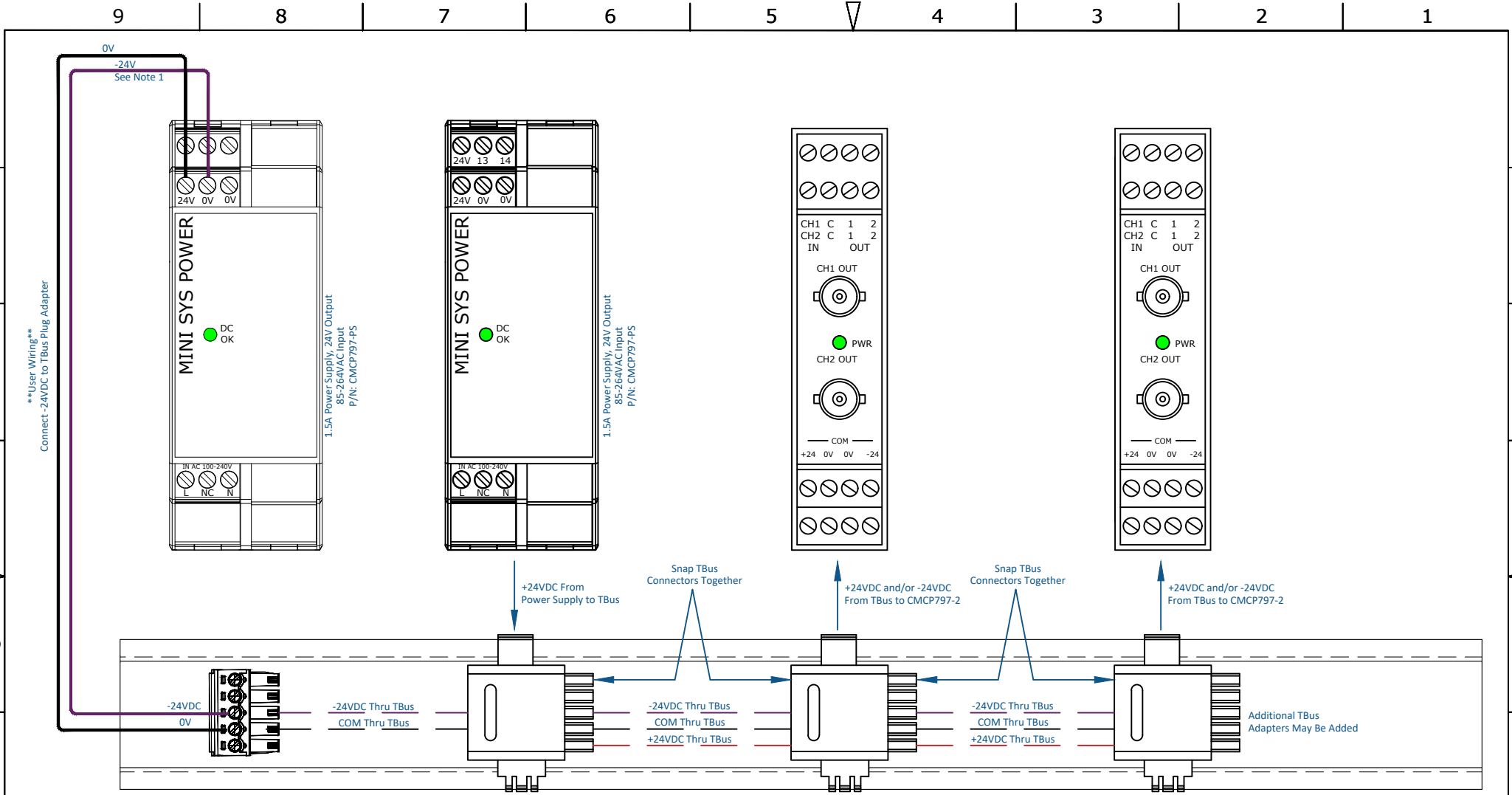
- Switch 1 (S1)** Selects the sensor power voltage. The buffer module can accept +V, -V or ±V, maximum of 48VDC.
- Turn Switch A to the ON position for +V powered sensors.
 - Turn Switch B to the ON position for -V powered sensors.
 - When using the module for both +V and -V powered sensors, move both A and B to the ON position.
 - For self generating piezo sensors, turn both A and B to the ON position.
- Note: If Only a +V power source is used, turn switch B to the OFF position.
If Only a -V power source is used, turn switch A to the OFF position.
For ±V, two power supplies must be used and both switches must be in the ON position.

- Switch 2 (S2)** Allows the user to turn Constant Current (IEPE/ICP) power ON.
- Switch A is for configuring Channel 1.
 - Switch B is for configuring Channel 2.
 - When the switch is ON, constant current power will be applied to the sensor input.
 - Turn the switch OFF for sensors when constant current power is not required.

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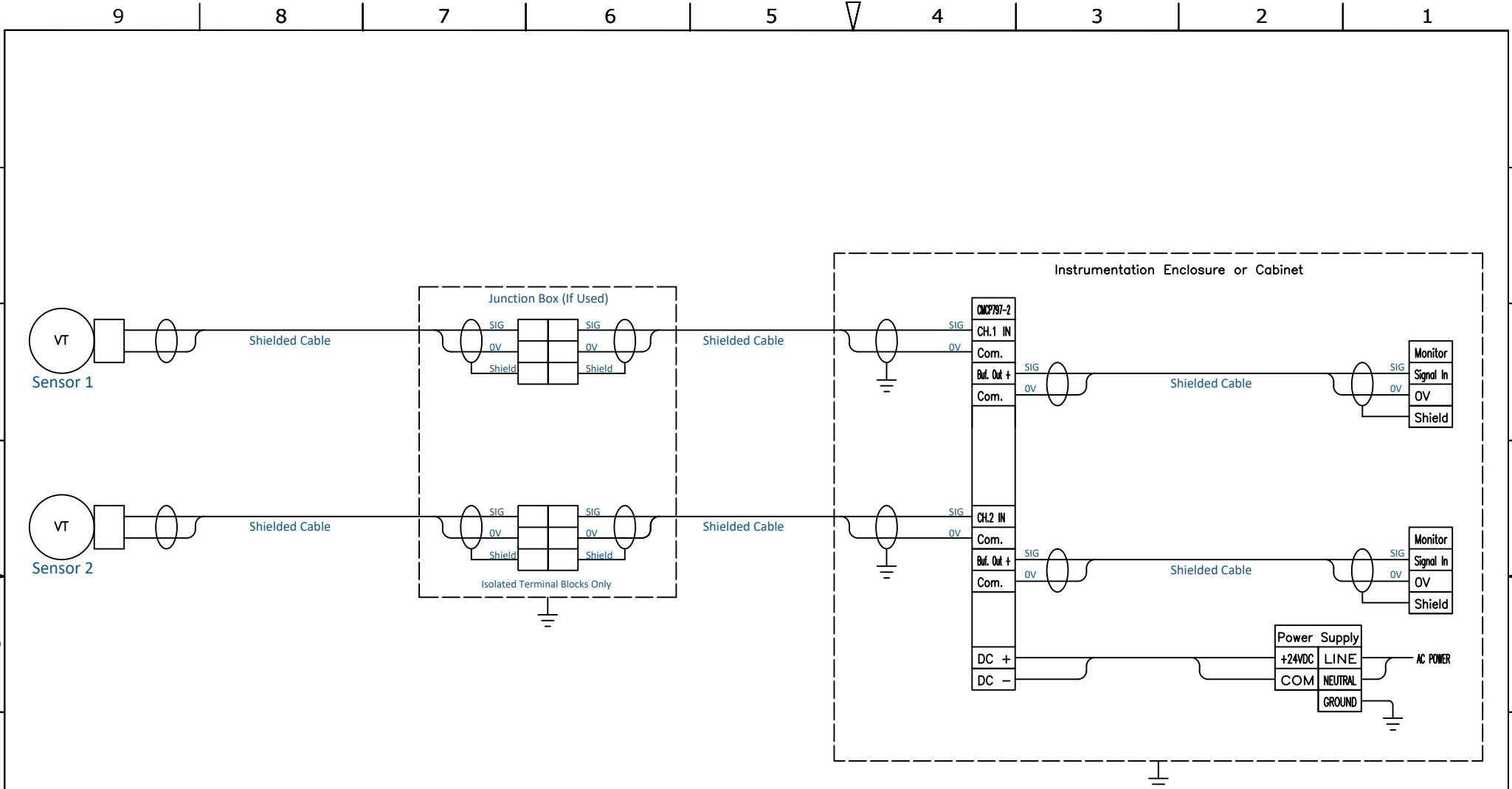
CUSTOMER LOCATION ORDER NO. SR. NO.				STI Vibration Monitoring League City, Texas	
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE INCHES.		DRAWN M. Howard DATE March 6, 2020		CMCP797-2 Sensor Setup	
TOLERANCES: DECIMALS: FRACTIONS .XX ± 0.01 .XXX ± 0.005 .XXXX ± 0.0005		CHECK D. Robertson DATE March 6, 2020 ENG. STI VMI 2019 MFG. STI VMI In Production APPR. M. Howard DATE March 6, 2020		SIZE A DWG. NO. 797-2 SWITCHES REV. A	
Scale: 1:1		Sheet: 1 of 1			



B TBUS is an optional feature that allows each module to pass the DC input voltage across a set of modules. TBUS connectors snap on to the mounting rail and the CMCP797-2 plugs into the TBUS connector. Power supplies are connected to the TBUS which then provides +24V, -24V or ±24V power to the modules. Power supplies and TBUS connectors are sold separately.

Note 1: Reverse polarity of power supply to achieve -24VDC.
 Note 2: Maximum Current Draw of CMCP797-2 is 35mA.

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<p>UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE INCHES.</p> <p>TOLERANCES:</p> <p>FRACTIONS .XX ± 0.01 .XXX ± 0.005 .XXXX ± 0.0005</p> <p>DECIMALS ± 1.0</p> <p>ANGLES ± 1.0</p>		<p>DRAWN M. Howard DATE March 6, 2020</p> <p>CHECK D. Robertson DATE March 6, 2020</p> <p>ENG. STI VMI 2019</p> <p>MFG. STI VMI In Production</p> <p>APPR. M. Howard DATE March 6, 2020</p>	<p>CMCP797-2 TBUS Connections</p> <p>SIZE A</p> <p>DWG. NO. 797 TBUS</p> <p>Scale: 1:1</p> <p>Sheet: 1 of 1</p>																
<p>Notes:</p> <ol style="list-style-type: none"> 1. 2. 3. 4. 5. 		<table border="1"> <thead> <tr> <th>REV.</th> <th>DATE</th> <th>DRAWN</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	REV.	DATE	DRAWN	DESCRIPTION													
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- Notes:
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REV.	DATE	DRAWN	DESCRIPTION

CUSTOMER LOCATION ORDER NO. SR. NO.				STI Vibration Monitoring League City, Texas	
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE INCHES.		DRAWN M. Howard DATE March 6, 2020		CMCP797-2 Grounding	
TOLERANCES: DECIMALS: .XX ± 0.01 ANGLES .XXX ± 0.005 ± 1.0 .XXXX ± 0.0005		CHECK D. Robertson DATE March 6, 2020		SIZE A DWG. NO. 797 GROUNDING	
FRACTIONS: 1/64		ENGR. STI VMI 2019 MFG. STI VMI In Production		APPR. M. Howard DATE March 6, 2020	
Scale: 1:1				Sheet: 1 of 1	