

NOTES: (UNLESS OTHERWISE SPECIFIED)

- 1 5580 SERIES: CONNECT TRANSDUCER (+) PIN TO SIGNAL CONDITIONER **SENSOR ±** FOR **SIG QUI** DYNAMIC SIGNAL PHASING TO BE A POSITIVE SIGNAL FOR UPWARD MOTION OF THE TRANSDUCER.
- 2 5580 SERIES: THE SIGNAL CONDITIONER PROVIDES A DC CONSTANT CURRENT TO THE ACCELEROMETER FOR ACCELEROMETER POWER. OPEN LOOP VOLTAGE IS 20VDC (NOM). ACCELEROMETER DC BIAS VOLTAGE RANGE IS 8 TO 12 VDC. CONNECT ACCELEROMETER (+) TO TRANSMITTER **SENSOR ±**. **SIG QUI** DYNAMIC SIGNAL PHASING IS A POSITIVE SIGNAL FOR UPWARD MOTION OF THE ACCELEROMETER.

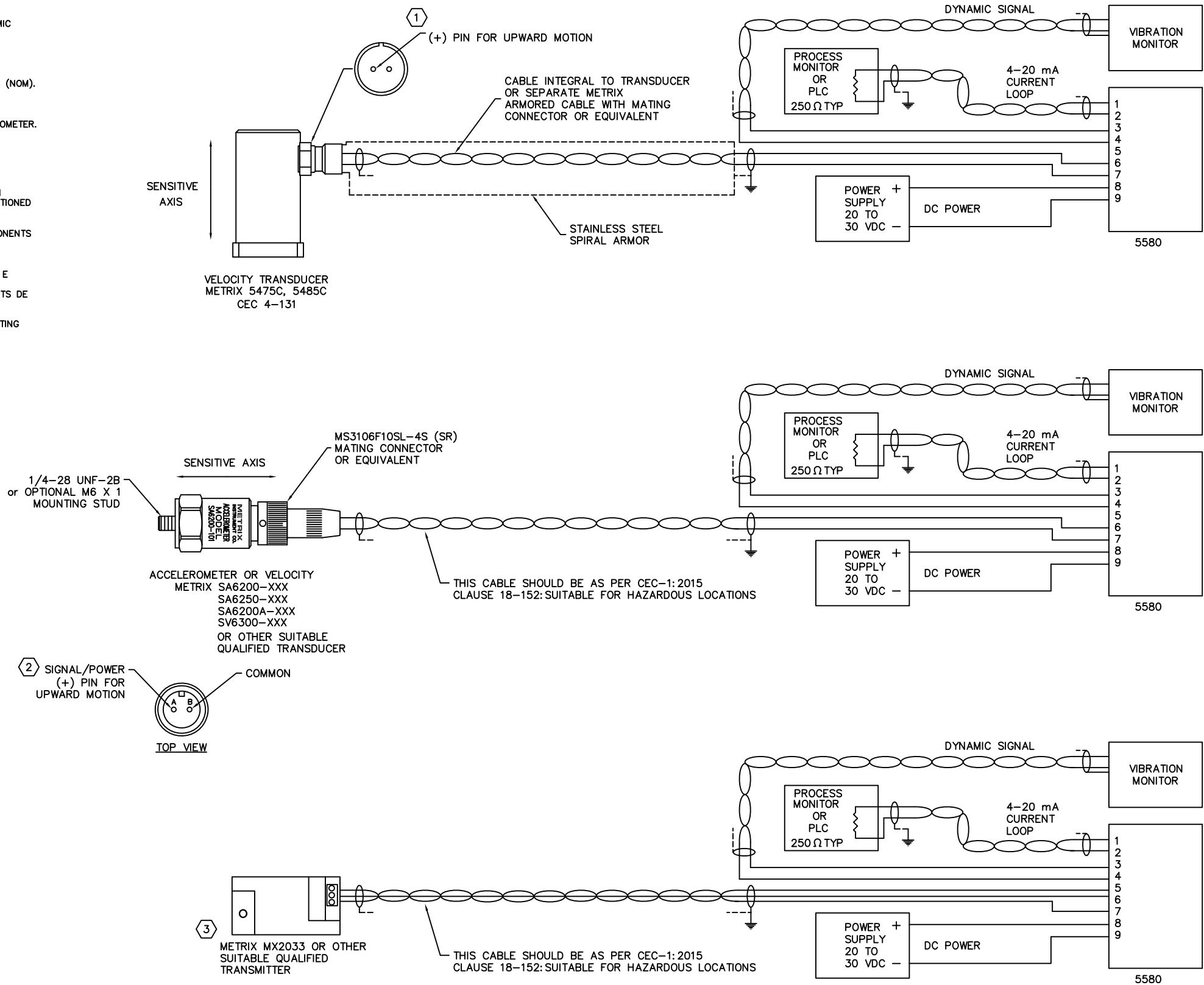
- 3 PROXIMITY SIGNAL CONDITIONER TEMPERATURE LIMITS
5580: -40°C TO +85°C

EQUIPMENT MUST BE INSTALLED IN AN ENCLOSURE WITH AN INGRESS PROTECTION RATING OF A MINIMUM OF IP54 CONDITIONED IN ACCORDANCE WITH IEC/EN/UL/CSA C22.2 NO. 60079-0

WARNING - EXPLOSION HAZARD - SUBSTITUTION OF COMPONENTS MAY IMPAIR SUITABILITY FOR CLASS I, DIVISION 2.

AVERTISSEMENT - RISQUE D'EXPLOSION - LA SUBSTITUTION D E COMPOSANTSP EUTR ENDRE CE MATERIEL INACCEPTABLE POUR LES EMBLEMENTS DE CLASSE I, DIVISION 2.

1 REFER TO MANUAL 1874512 FOR MAINTENANCE AND OPERATING INSTRUCTIONS.



REVISIONS	
REV	OR/CHANGE
A	RELEASE
B	CHANGED SW5580 TO 5580

MATERIAL:		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. ALL CORNERS BROKEN TO .010 MIN RADIUS AND TOLERANCES ARE:				APPROVALS		DATE		METRIX HOUSTON, TEXAS USA			
FINISH:						DRAWN BY:		03-15-19					
THIS DOCUMENT AND ALL INFORMATION HEREON IS THE PROPERTY OF METRIX INSTRUMENT CO. APPROVAL MUST BE OBTAINED BEFORE IT IS REPRODUCED OR INFORMATION HEREON IS ISSUED TO A THIRD PARTY. THIS DOCUMENT MUST BE RETURNED UPON REQUEST.				FRACTIONS: DECIMALS: ±1/64 .XX ±.01 ANGLES: .XXX ±.005 ±1° SURFACE FINISH 64				CHECKED BY:				INSTALLATION CLS I, DIV 2, GRPS A-D, Ex ec (Increased Safety) AREAS, 5580 SIGNAL CONDITIONER	
								APPROVED BY:					
				5580						SIZE B			
				NEXT ASSY		USED ON		DRAWING NO.					
										SCALE: NONE		SHEET: 1 of 1	
				APPLICATION				DO NOT SCALE DRAWING					