

NOTES: (UNLESS OTHERWISE SPECIFIED)

- 1 SW5580 SERIES: CONNECT TRANSDUCER (+) PIN TO SIGNAL CONDITIONER SENSOR ± FOR SIG OUT DYNAMIC SIGNAL PHASING TO BE A POSITIVE SIGNAL FOR UPWARD MOTION OF THE TRANSDUCER.
- 2 SW5580 SERIES: THE SMART SWITCH 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 OUT DYNAMIC SIGNAL PHASING IS A POSITIVE SIGNAL FOR UPWARD MOTION OF THE ACCELEROMETER.

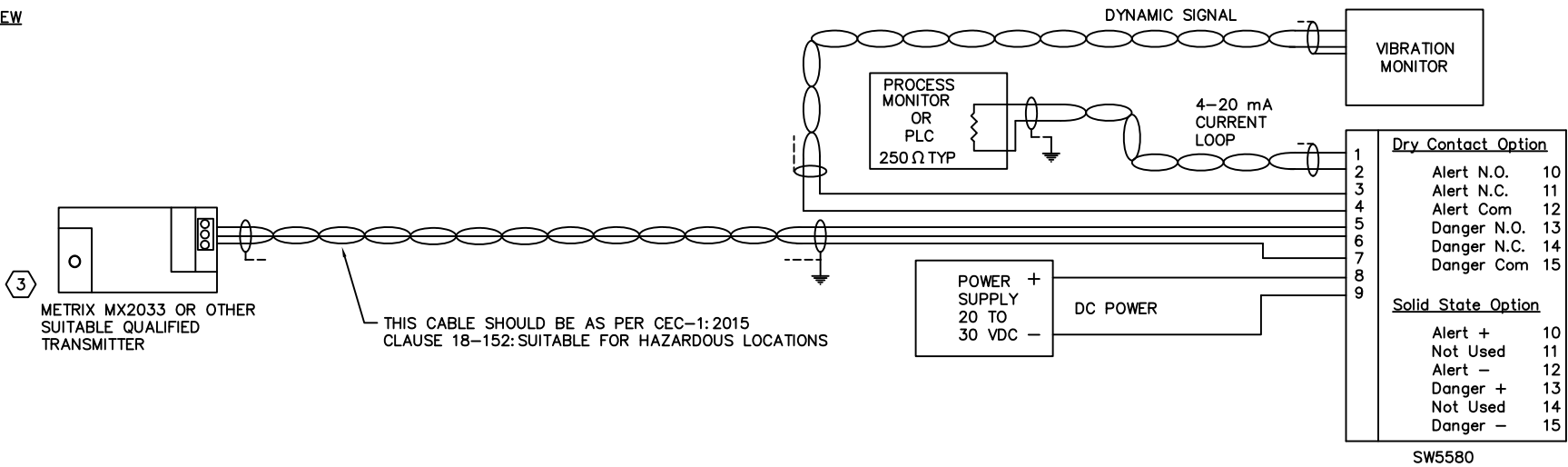
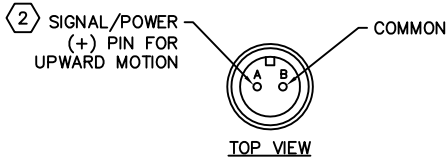
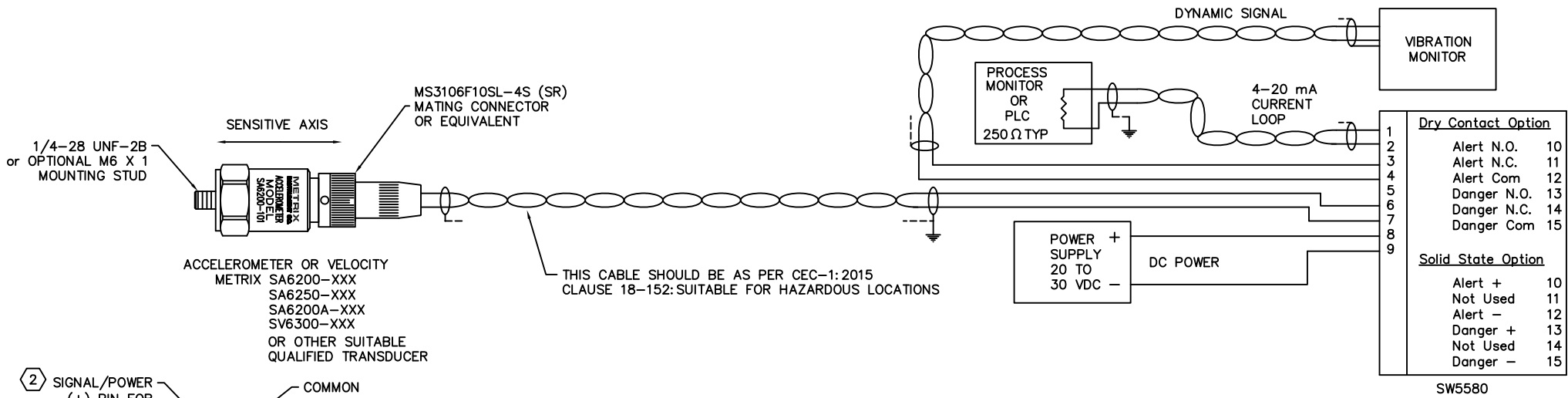
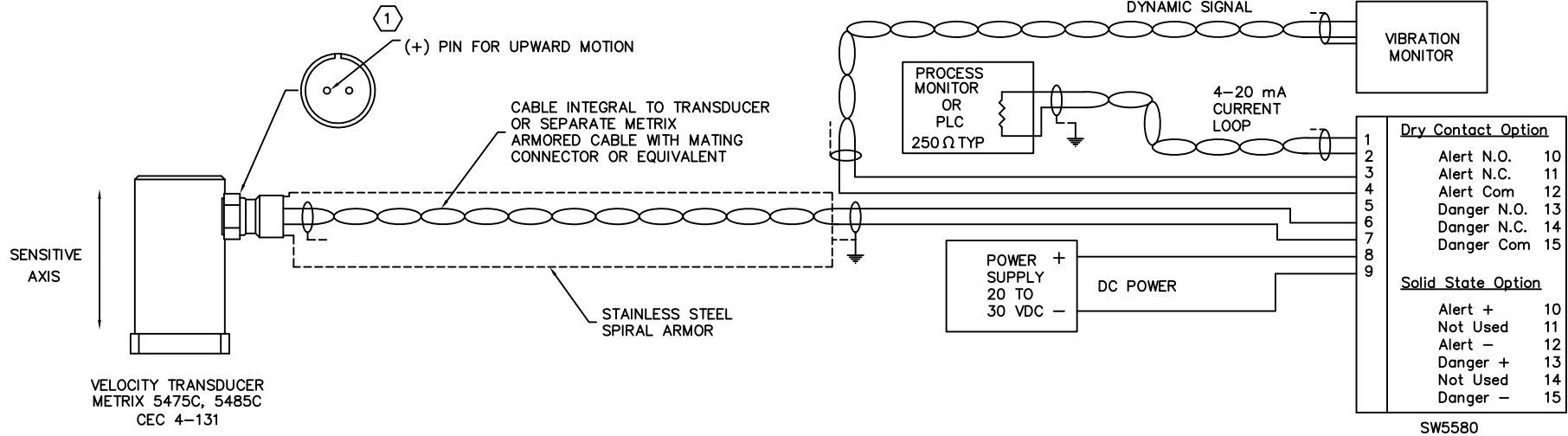
- 3 PROXIMITY SIGNAL CONDITIONER TEMPERATURE LIMITS
SW5580: -40°C TO +65°C

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 COMPOSANTS PEUT ENDRE CE MATERIEL INACCEPTABLE POUR LES EMPLACEMENTS DE CLASSE I, DIVISION 2.

1 REFER TO MANUAL 1874512 FOR MAINTENANCE AND OPERATING INSTRUCTIONS.



REVISIONS		REV		OR/CHANGE	
A		RELEASE			

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:			
		A. Wilson	07/27/20		
		CHECKED BY:			
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.		APPROVED BY:		INSTALLATION CLS I, DIV 2, GRPS A-D Ex ec (Increased Safety) AREAS, SW5580 SMART SWITCH	
		FRACTIONS: DECIMALS:			
		±1/64 .XX ±.01			
		ANGLES: ±1°			
		SURFACE FINISH 64			
		SW5580 USED ON			
		APPLICATION			
		DO NOT SCALE DRAWING			

SIZE	DRAWING NO.	REV.
B	1899690	A

SCALE: NONE	SHEET: 1 of 1
-------------	---------------