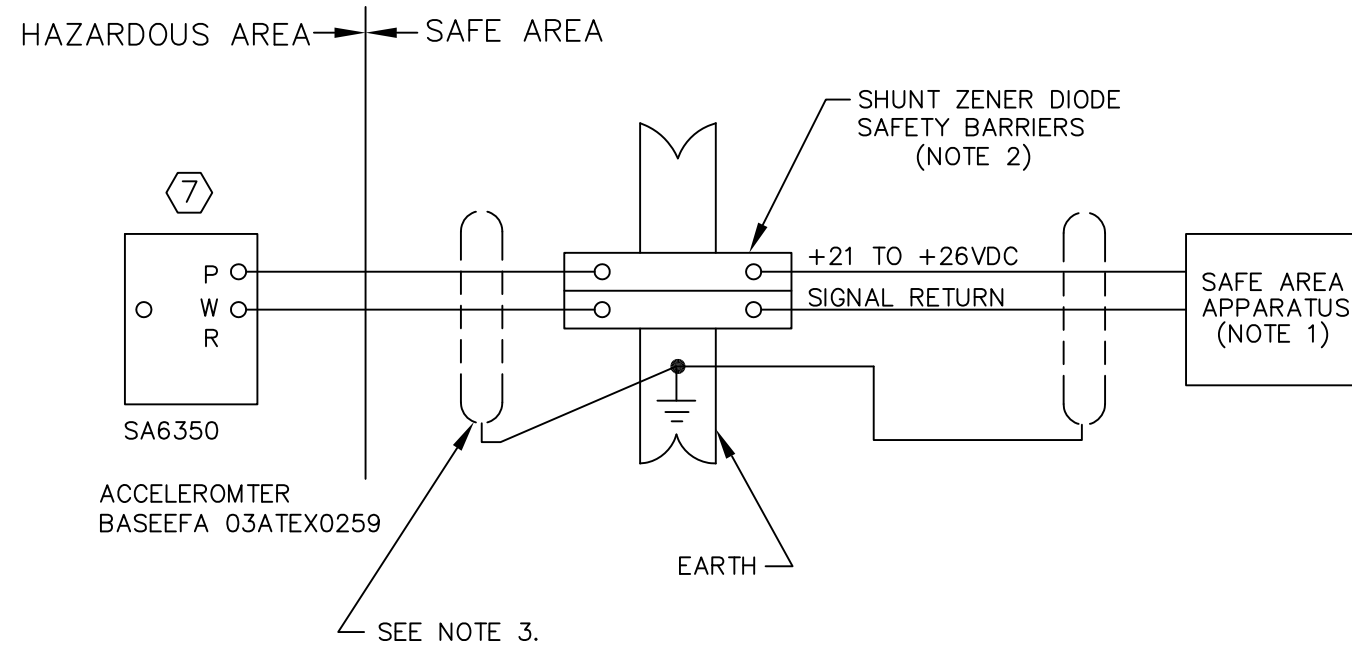


NOTES: (UNLESS OTHERWISE SPECIFIED)

- SAFE AREA APPARATUS IS NOT SPECIFIED EXCEPT THAT IT MUST NOT BE SUPPLIED FROM NOR CONTAIN IN NORMAL OR ABNORMAL CONDITIONS A SOURCE OF POTENTIAL WITH RESPECT TO EARTH IN EXCESS OF 250 VRMS OR 250 VDC.
- THE SAFETY BARRIER MUST CONFORM TO THE FOLLOWING:  
 $V_{oc}, V_o \leq V_{max}, V_i$   
 $I_{sc}, I_i \leq I_{max}, I_i$   
 $P_o \leq P_i$
- CIRCUIT IN HAZARDOUS AREA MUST BE CAPABLE OF WITHSTANDING A VOLTAGE TEST OF 500 VRMS TO EARTH OR TO THE FRAME OF THE APPARATUS FOR ONE MINUTE.
- THE CAPACITANCE AND EITHER THE INDUCTANCE OR INDUCTANCE TO RESISTANCE (L/R) RATIO OF THE INTERCONNECTING CABLE MUST NOT EXCEED THE FOLLOWING:  
 $C_{cable} \leq C_a - C_i$   
 $L_{cable} \leq L_a - L_i$
- THE HAZARDOUS AREA CABLE IS TO BE INSTALLED AS EITHER A SEPARATE CABLE OR A SEPARATE CIRCUIT WITHIN A "TYPE A" CABLE OR WITHIN A "TYPE B" CABLE AS DEFINED IN EN 50039 (1980). THE PEAK VOLTAGE OF ANY CIRCUIT IN THE "TYPE B" CABLE MUST NOT EXCEED 60V.
- THE INSTALLATION MUST COMPLY WITH THE APPROPRIATE NATIONAL INSTALLATION REQUIREMENTS. EXAMPLE: UK. BS5345 PART 4 (1977).

⑦ REFER TO SPECIFICATION DRAWING 9191-001 FOR ADDITIONAL INSTALLATION AND WIRING DETAILS.

INSTALLATION –  
ACCELEROMETER IN HAZARDOUS LOCATION  
CENELEC



Entity Parameters	
$V_{max}, V_i$	= 28V
$I_{max}, I_i$	= 93mA
$P_i$	= 0.65W
$C_i$	= 56nF
$L_i$	= 0mH
$C_o$	= 26uF
$L_o$	= 4.3mH
$L_o/R_o$	= 14.3uH/R

AGENCY APPROVED PRODUCT  
DO NOT DEVIATE FROM DOCUMENTED CONSTRUCTION OR LISTED PARTS

Baseefa Certified Product  
No modifications permitted without reference to Baseefa

MATERIAL:	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. ALL CORNERS BROKEN TO .010 MIN RADIUS AND TOLERANCES ARE:	APPROVALS	DATE	<b>METRIX</b> HOUSTON, TEXAS U.S.A.	
FINISH:		DRAWN BY: A. Wilson	05-16-03		
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 .XXX ±.005	CHECKED BY:		INSTALLATION, SA6350 ACCELEROMETER	
	ANGLES: ±1°	APPROVED BY:			
	SURFACE FINISH 64	SA6350 USED ON			DRAWING NO. 9459
		APPLICATION	DO NOT SCALE DRAWING	SCALE: NONE	REV. B SHEET: 1 of 1