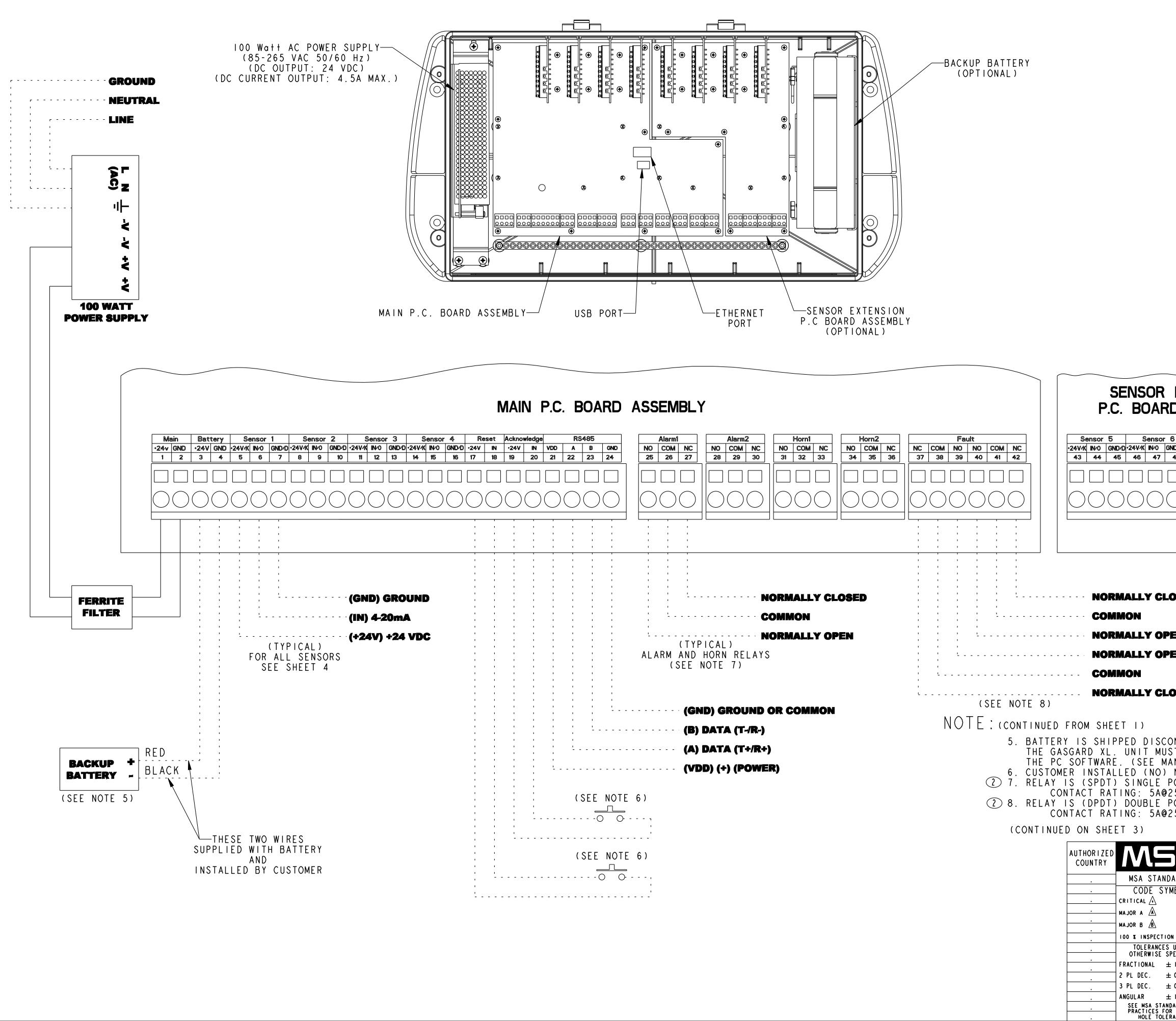


NOTE : I. DIMENSIONS S 2. INSTRUMENT F 3. CHECK TAG FC 4. - - - - -

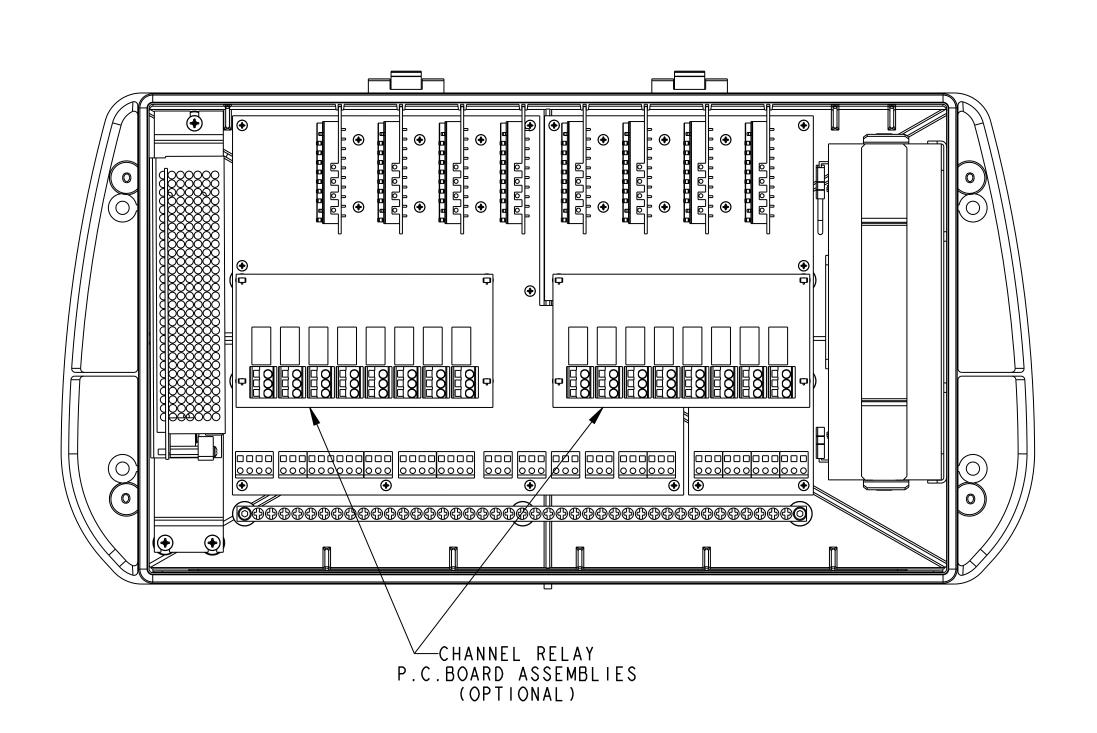
P.O. NO. MSA NO. LOCATION _____ TAG NO._____ TOTAL NO. OF UNITS

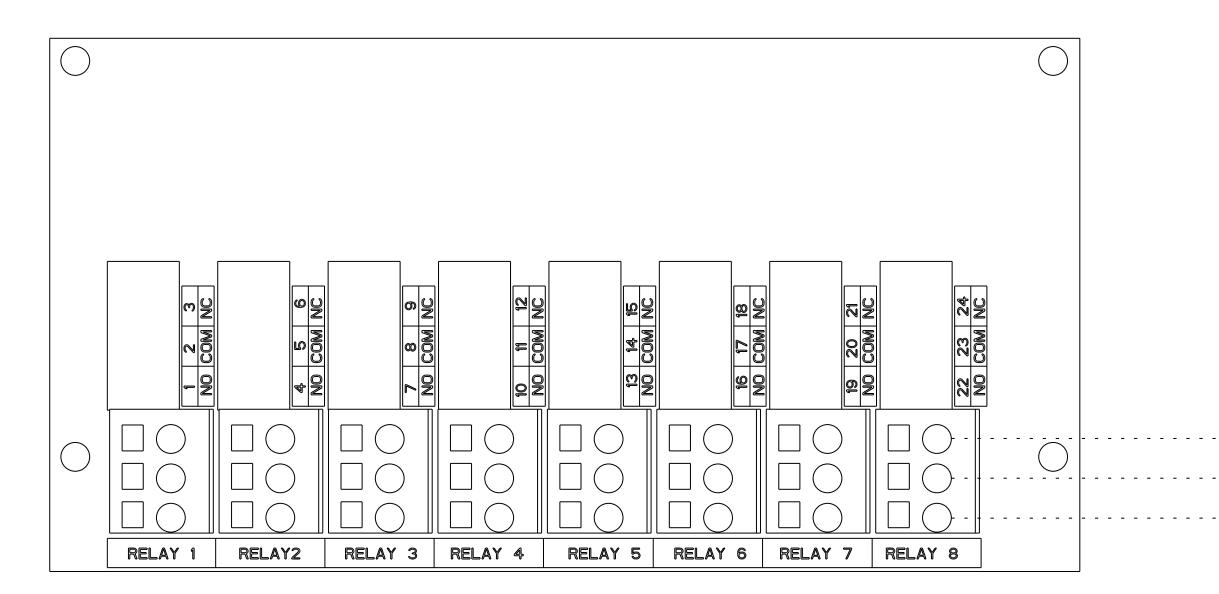
AUTHORIZED COUNTRY	ME
•	MSA STAND
•	CODE SYN
	CRITICAL 🔬
•	MAJOR A 🛕
	MAJOR B
•	
	100 % INSPECTIO
•	TOLERANCES OTHERWISE SF
•	
	FRACTIONAL ±
	2 PL DEC. ±
	3 PL DEC. ±
	ANGULAR \pm
	SEE MSA STAND
	PRACTICES FOR HOLE TOLER

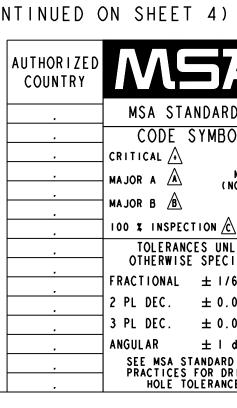
			REVISIONS I 10-22-2008 INITIAL RELEASE FlameGard was SharpEye or SHEET 4 NOTE 11 and VIEW GJT JD
			OCT 29 2008 2 3-24-2010 REVISED NOTES 7, 8 & 9 ECO#70000002398A LRB JS MAR 24 2010
	_		
	5.433 [138.00]		
TE: 1. DIMENSIONS SHOWN 2. INSTRUMENT HOUSING 3. CHECK TAG FOR AREA	G IS MADE OF ABS	PLASTIC.	
	TES FIELD CONNECT		LIFECYCLE STATE REVISION Production 2
MTRY MSA STANDARD SHOP	NE SAFETY APPLIANCES CO. CONF TTSBURGH, PA 15230, USA OR / PRACTICES APPLY SCHU	IDENCE AND SUBJECT TO THE FOL PUBLISH, USE, REPRODUCE, TRAI ANY INFORMATION CONTAINED THER	
. CRITICAL ♠ . MAJOR A ♠ . MAJOR B ♠ . 100 ¥ INSPECTION ♠ . TOLERANCES UNLESS OTHERWISE SPECIFIED	GT IO-2-2008 CHECKED BY J. DiLEO IO-28-08 PROJ. ENGR. S. TURNER IO-28-08 OUALITY ASSURANCE OUALITY ASSURANCE OUALITY		TION OUTLINE, GARD XL
</td <td>J. DANNHARDT 10-28-08 MANUFACTURING A. POLOCHAK 10-28-08</td> <td></td> <td>SCALE: 1.000</td>	J. DANNHARDT 10-28-08 MANUFACTURING A. POLOCHAK 10-28-08		SCALE: 1.000



		REVISIONS
		REV. 1 0CT 29 2008
		REV. 2
		MAR 24 2010
XTENSION		
ASSEMBLY	/	
Sensor 7 S	ensor 8	
+24V/K IN/O GND/D +24V/t 49 50 51 52		
$\bigcirc \bigcirc $		
ED		
ED		
BE CONFIGURE	CT DURING INSTALLATION OF D FOR BATTERY BACKUP THROUGH	
	PUSH BUTTON SWITCH.	
	E or 5A@24VDC RESISTIVE	
E DOUBLE THR VAC RESISTIV	OW. E or 5A@24VDC RESISTIVE	LIFECYCLE STATE REVISION
		Production 2
MINE SAFETY APPL Pittsburgh, Pa i	5230, USA TO PUBLISH, USE, REPRODUCE, TRANSMI	NG: NO PERMISSION IS GRANTED DO T OR DISCLOSE THIS DRAWING, NOT
SHOP PRACTICES		ANUFACTURE OF ARTICLES FOR MSA. DWG.
DRAWN BY	09741 PH0703 APPROVAL AGENCY CODE: YES NIOSH DATE	ATTR. DOC.: .
AINOR MARK) GT I CHECKED BY J.DILEO	10-28-08 INSTALLATIC	ON OUTLINE,
PROJ. ENGR. ESS S. TURNER		RD XL
FIED QUALITY ASSURAN 4 J. DANNHARD	T 10-28-08	
	(10-28-08 CADD REF: SK3015-1021	SCALE: 1.000
oos <u>A.POLOCHAP</u> deg.		00ALL: 1,000







(CONTINUED ON SHEET 4)

2 9. RELAYS ARE (SPDT) SIN CONTACT RATING: 5

NOTE : (CONTINUED FROM SHEET 2

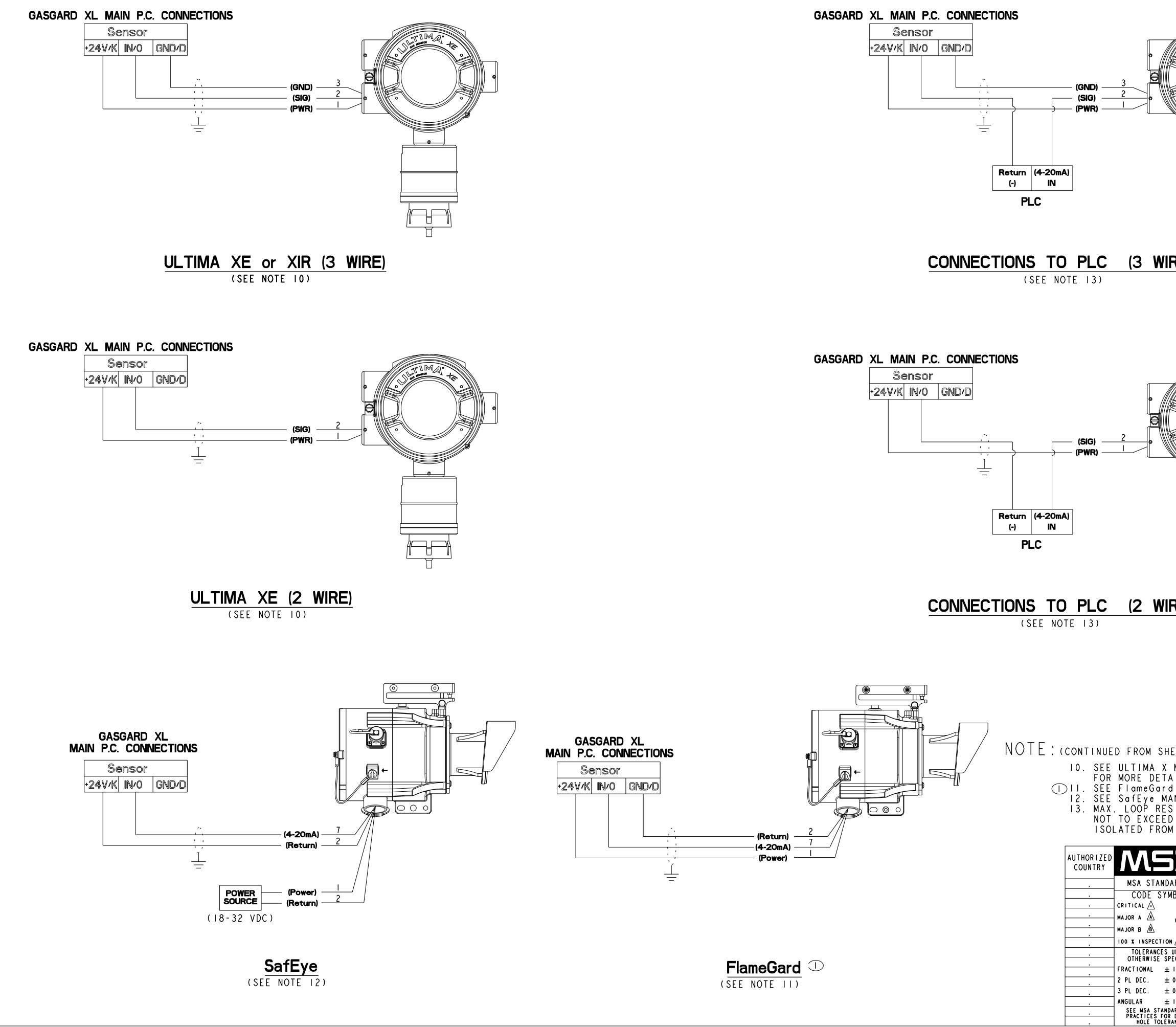
NORMALLY CLOSED NORMALLY OPEN

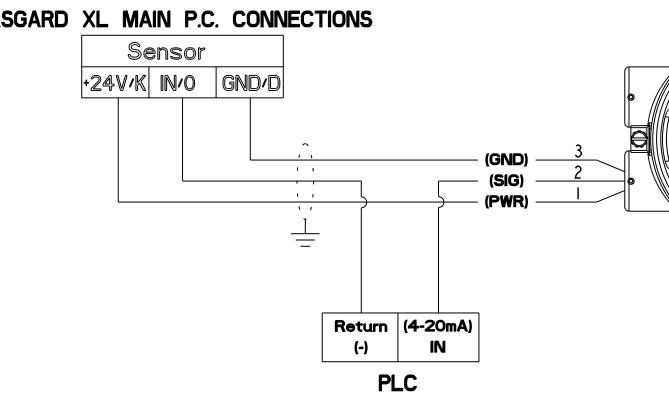
- - - - - - - - - -

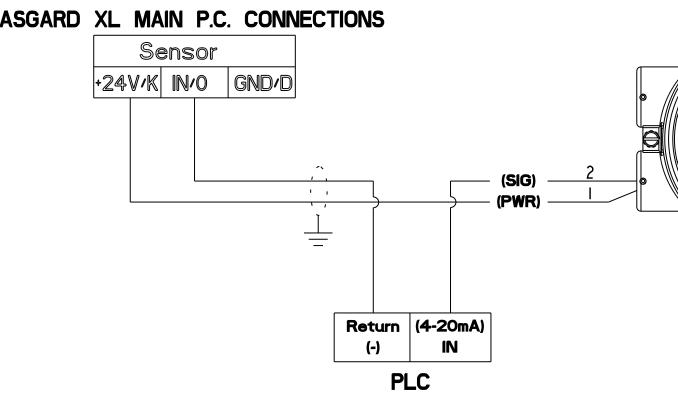
 \bigcirc

TYPICAL WIRING FOR RELAYS I-8 (SEE NOTE 9)

		REVISIONS REV. 1 OCT 29 2008
		REV. 2 MAR 24 2010
2)		
NGLE POLE DOU 5A@250VAC RES	BLE THROW. ISTIVE or 5A@24VDC RESISTIVE	
		LIFECYCLE STATE REVISION 2
MINE SAFETY APPL PITTSBURGH, PA I	5230, USA TO PUBLISH, USE, REPRODUCE, TRANSMIT	NG: NO PERMISSION IS GRANTED DU F OR DISCLOSE THIS DRAWING, NOT
D SHOP PRACTICES	OR ANY INFORMATION CONTAINED THEREIN	NUFACTURE OF ARTICLES FOR MSA. DWG.
DRAWN BY MINOR GT IC	DATE) - 2 - 2008	
J. DILEO PROJ. ENGR.	INSTALLATIC	
ILESS S. TURNER IFIED QUALITY ASSURAN 764 J. DANNHARD		RD XL
0 I MANUFACTURING	(10-28-08 CADD REF: SK3015-1021	SCALE: 1.000
deg. D SHOP RILLED CES	SK3015-10)21 SHEET 3 OF 4









					1	
						V. 1
	MAI				OCT 2	29 2008
	ter W	,			RE'	V. 2
Ŭ.	Nº 1					24 2010
		•				
∭°	°	//				
ſ						
AF	╞═╌╢					
U						
<u>RE)</u>						
IL-II II	MA					
	the second	N				
		•				
N° 🖉	<i></i> °]]	/				
ſ						
 	<u> </u>					
hr	╞══╌╢					
<u> </u>						
<u>RE)</u>						
EET 3)						
	and INS	ΤΑΙΙΑΤΙ	ON OUTLINE	DRAWINGS		
AILS.				5		
d MANUA	L FOR MOI					
	OR MORE I E WITH PI		GASGARD XL			
) 600 O	hms. THE		20mA INPUT	MUST BE		BF0
M GROUN	D .				LIFECYCLE STATE Production	REVISION 2
_		TI	HIS DRAWING IS THE	PROPERTY OF MSA AND		
	INE SAFETY APPL ITTSBURGH, PA IS	TANCES CO. CO 5230, USA TO	ONFIDENCE AND SUBJE O PUBLISH, USE, RE	ECT TO THE FOLLOWING PRODUCE, TRANSMIT	G: NO PERMISSION OR DISCLOSE TH	IS GRANTED DO IS DRAWING, NOT
			R ANY INFORMATION (RITTEN CONSENT OF MS	CONTAINED THEREIN T A EXCEPT FOR THE MAN	O OTHERS WITHOU UFACTURE OF ARTIC	T THE PRIOR SCALE
ARD SHOP 1BOLS	PRACTICES A	APPLY ŠČ 9741 PH0703	CHUTZVERMERK NACH DI APPROVAL AGENCY	N 34 BEACHTEN. MSA A	UER GmbH. ATTR. DOC.: .	
	DRAWN BY	DATE		550E. 125 NIVON A	······	
MINOR (NO MARK)	GT 10 CHECKED BY	-2-2008				
	J.DiLEO	10-28-08	INS FA	LLATIO	IN OUT	LINE,
N <u>C</u> UNLESS	proj. engr. S.TURNER	10-28-09				_
PECIFIED	QUALITY ASSURANC	E		GASGAF	ע XL	
1/64 0.01	J.DANNHARD1 MANUFACTURING	10-28-08	<u>5</u>			
0.005		10-28-08	CADD REF: SK3	8015-1021		SCALE: 1.000
l deg.						SHEET
ARD SHOP DRILLED ANCES	D .		SK3	015-10	21	4 OF 4