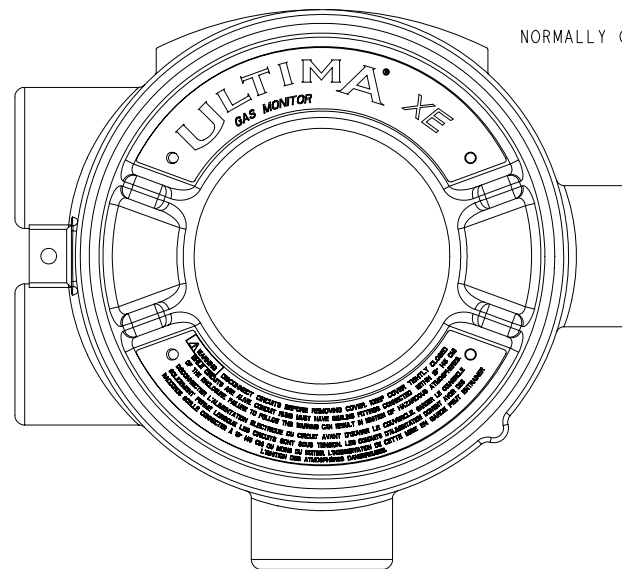
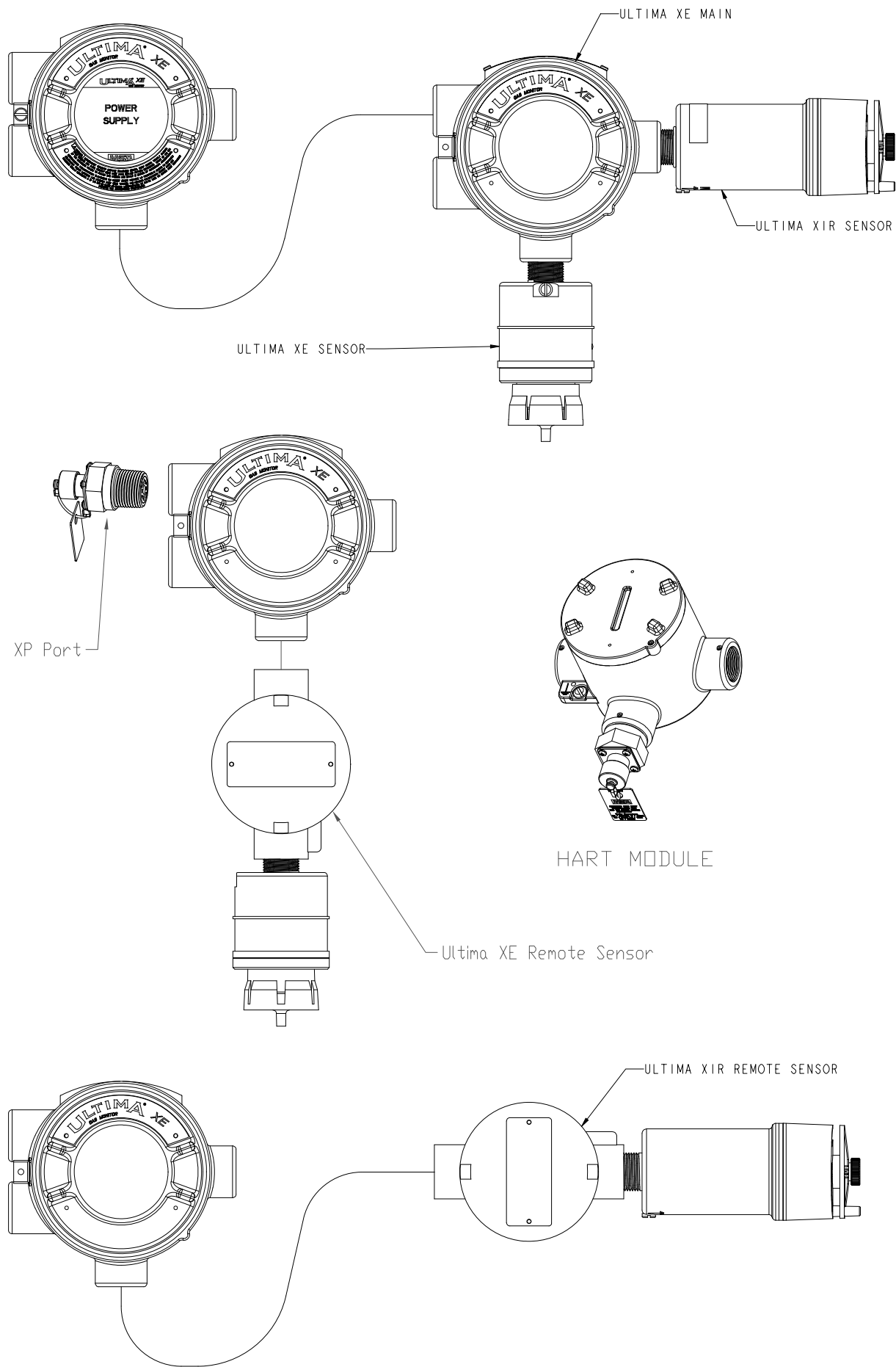
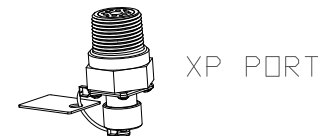


CONFIGURATIONS

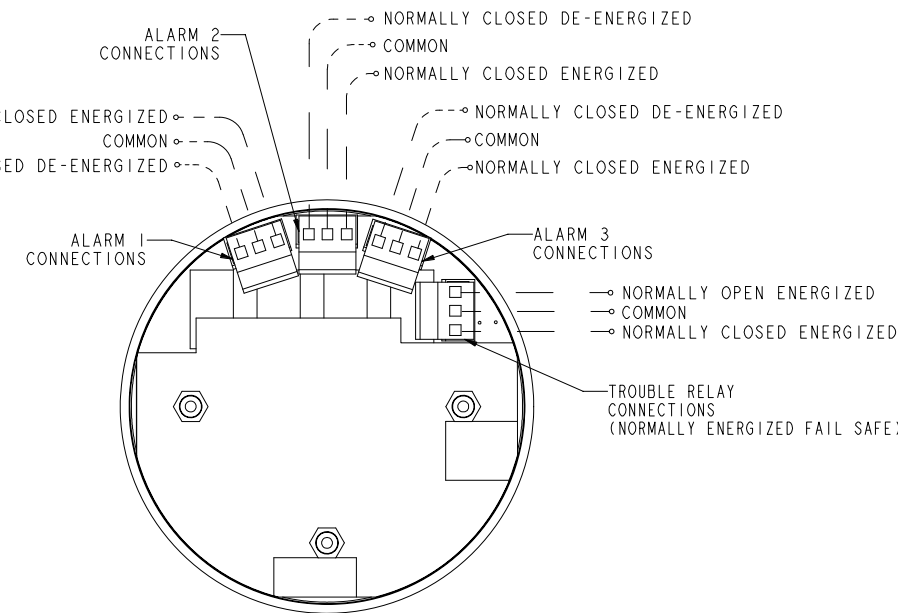


ULTIMA XE MAIN (A-ULTIMX...)



XP PORT

XP Port			
Electrical Parameter	Division Parameter	Zone Parameter	Value
Max. Output Voltage	Voc	Uo	6.14 V
Max. Output Current	Isc	Io	170 mA
Max. Output Power	Po	Po	260 mW
Max. External Capacitance	Ca	Co	34 uF
Max. External Inductance	La	Lo	1.3 mH



ULTIMA XE MAIN INTERNAL VIEW

HAZARDOUS (CLASSIFIED) LOCATION
 CLASS I, ZONE 2, GROUPS II C, II B, II A
 OR
 CLASS I, DIVISION 2, GROUPS A, B, C, D
 CLASS II, DIVISION 2, GROUPS F, G
 CLASS III, DIVISION 1

ULTIMA XE MAIN (A-ULTIMAX...)	
TERMINALS	ENTITY
ALARM 1	Vmax = 30V, Imax = 100mA, Ci = 0uF, Li = 0 mH
ALARM 2	
ALARM 3	
TROUBLE RELAY	

- NOTES:
- THE NONINCENDIVE FIELD WIRING MUST BE INSTALLED IN ACCORDANCE WITH THE ELECTRICAL CODE OF THE COUNTRY IN WHICH THE PRODUCT IS USED
 - WARNING - EXPLOSION HAZARD - SUBSTITUTION OF COMPONENTS MAY IMPAIR SUITABILITY FOR CLASS I, DIV 2.
 - WARNING - EXPLOSION HAZARD - DO NOT DISCONNECT EQUIPMENT UNLESS POWER HAS BEEN SWITCHED OFF OR THE AREA IS KNOWN TO BE NON-HAZARDOUS.
 - THE FOLLOWING ENTITY CONDITIONS MUST BE MET:
 $V_{oc} \leq V_{max}$
 $I_{sc} \leq I_{max}$
 $C_a \geq C_i + C_{cable}$
 $L_a \geq L_i + L_{cable}$
 - WHEN CABLE PARAMETERS ARE UNKNOWN, THE FOLLOWING VALUES MAY BE USED:
 CAPACITANCE: 200 pF/M (60 pF/FT)
 INDUCTANCE: 0.66 uH/M (0.20 uH/FT)

REVISIONS
 ① 2-18-09
 Added HART Module and XP Port
 ECO70000002396
 WDB CZL
FEB 18 2009

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AUTHORIZED COUNTRY: _____ CODE SYMBOLS: _____ MAJOR A: _____ MAJOR B: _____ 100% INSPECTION: _____ TOLERANCES UNLESS OTHERWISE SPECIFIED: FRACTIONAL: ± 1/64 2 PL DEC.: ± 0.01 3 PL DEC.: ± 0.005 ANGULAR: ± 1 deg. SEE MSA STANDARD SHOP PRACTICES FOR DRILLED HOLE TOLERANCES	JOB NO.: 30008403 PH0718 DRAWN BY: WJE CHECKED BY: W.BENNETT PROJ. ENGR.: D.MAST QUALITY ASSURANCE: J.DANNHARDT MANUFACTURING: A. POLLOCHAK	DATE: 9-14-2007 DATE: 10-2-07 DATE: 10-9-07 DATE: 10-20-07	APPROVAL AGENCY CODE: YES NIOSH ATTR. DOC.: _____ UL APPROVALS, CONTROL DRAWING, ULTIMA X SERIES CADD REF: SK3098-1072	SCALE: _____ SHEET 1 OF 1
D.			SK3098-1072	SK3098-1072