





ΜΑΧΙ	MAXIMUM WIRE LENGTH TO MAIN TRANSMITTER WITH LOCAL MOUNTED SENSOR(S)								
Sensor Mounting	Local Sensor 1	Local Sensor 2	Max Power (W)	1mm ² (m)	1.5mm ² (m)	2.5mm ² (m)	4mm ² (m)		
	Passive CB	None	6.0	470	710	1180	1890		
	Passive MOS	None	10.8	260	390	660	1050		
	Digital CB	None	6.0	470	710	1180	1890		
Locally Mounted	Digital Toxic	None	3.6	790	1180	1970	3150		
		None	8.9	320	480	800	1280		
	IR400/IR700	Digital CB	11.8	240	360	600	960		
		Digital Toxic	9.6	290	440	740	1180		

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	-	800000018352 80000026298	0	PRODUCTION RELEASE REVISE TO BE SIMILAR TO X50	000 I/O DRA	WING		BM WE	19APR17 27AUG18	SR LV	19APR17 10SEP18	
		800000039839	2	SHT 1 ADDED INSTRUCTION I CODE BLOCKS,UPDATE IR40 JUNCTION BOX P2 OR J1 CO	MANUAL NC 10 TO IR400/I 2NNECTION	DTE, ADDED SEE MANUAL R700 ON ALL SHEETS; REV S TO JUST J1: ADDED WIR	. TO SENSOR /ISED ALL RE FUNCTIONS	WJE	12MAR20	SR	13MAR20	
	-	80000043241	3	ADDED SHEET 2 FOR JB5000	MTG INFO,	RENUMBER SHEETS 2-9 TC	S ONSHT 8	\\/ IE	95EP20	ER	145500	
		80000043241	5	IR400/IR700 SENSORS		D WIIN PASSIVE CAI BEA	AD, MOS AND	VVJE	73EF 20	ΓD	TOSEF 20	D
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		GAS NA REF A-5 SN: XXX	ME AND K-SENS XXX	RANGE -X-X-X-X-X								
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CUSTOMER	DIMENSIONS —— INCH[mm] ——	CHK'D.	G.BAI	19APR17 19APR17		Monit	tors	GALV	FORES VAY, IRE	T, CA, t ELAND	JSA	•
P.O. NO	CUSTOMER				SIZE:	TITLE:						А
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State 324102 Production 3 TOTAL NO. OF UNITS					DRAW		LIFEC		ATE:	.	REV:	
scale: 1:1 model: \$5000 SHEET 1 OF 10 SOLIDWORKS GENERATED		NITS				324102		Proc		on	3	
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OPTIONAL REMOTE JUNCTION BOX JB5000











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ensor	Max Power	18AWG	16AWG	14AWG	12AWG
	(\vv)	(FT)	(11)	(11)	(11)
е	6.2	1240	1970	3140	4990
e	11.2	690	1090	1730	2760
е	6.2	1240	1970	3130	4980
СВ	8.6	890	1420	2260	3590
oxic	6.9	1110	1770	2810	4460
0	11.9	640	1020	1620	2580
е	3.6	2130	3380	5370	8550
oxic	4.3	1770	2820	4480	7120
СВ	6.7	1140	1810	2880	4580
0	9.6	800	1270	2020	3210
е	9.0	850	1350	2140	3410
СВ	11.9	640	1020	1620	2580
oxic	9.7	790	1250	1980	3160

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Sensor Mounting	Remote Sensor	Local	Sensor	Max Power (W)	1mm (m)	² 1.	5mm² (m)	2.5m (m
	Passive CB	No	ne	6.2	460		690	115
	Passive MOS	None		11.2	250		380	63
		No	ne	6.2	460		690	115
	Digital CB	Digital CB		8.6	330		490	83
		Digital Toxic		6.9	410		620	103
		IR400		11.9	240		360	59
Locally Mounted	Digital Toxic	None		3.6	790	1	180	197
		Digital Toxic		4.3	650		980	164
		Digital CB		6.7	420		630	105
		IR400		9.6	290		440	74
		None		9.0	310		470	78
	IR400/IR700	Digital CB		11.9	240		360	59
		Digital Toxic		9.7	290		440	73
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NOTES: 9. ENCLOSURE TO BE MECHANICAL 9. SIGNAL SHIELD TO BE INSULATED ENCLOSURE - TIE DOWN THE OPI (AT THE PANEL/CONTROLLER). 9. BOND SIGNAL SHIELD ON INCOMI SENSOR CONFIGURATION TO PRA TO END DEVICE. 9. SIGNAL SHIELD MUST NOT CONTA NON-ISOLATED GROUND. 9. GREEN/YELLOW SENSOR WIRE T 10. JB5000 CANNOT BE USED WITH IN 11. JB 12. JB 13. JB 14. JB 14. JB 15.	LY BOLTED TO STRUCTURAL GROUND. DAND LEFT FLOATING INSIDE TERMINAL OSITE END TO AN ISOLATED GROUND NG AND OUTGOING CABLE IN REMOTE OVIDE CONTINUITY OF SIGNAL SHIELDING ACT CHASSIS OR ANY OTHER DBE BONDED TO ENCLOSURE CASE SCREW. Adou/IR700 SENSOR, GAS CODE Cxx. WING NO: Improvementation and technical data declosed by this document may be used and disseminated environmentation and proteine used or disseminated environmentati	4

