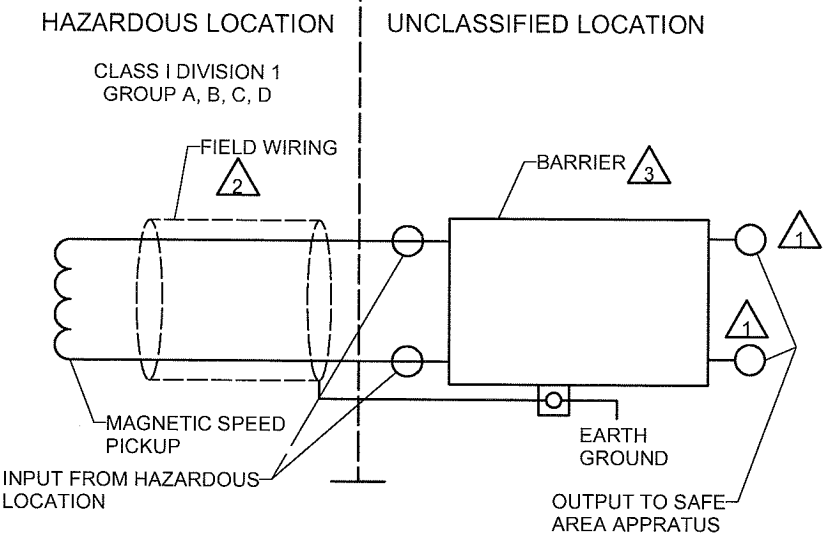


REVISION			
REV	DESCRIPTION	DATE	APPROVED
D	REDRAWN & REVISED PER C.O.6422	4/29/10	CSK



NOTES:

- 1. ALL BARRIERS WHICH ARE PART OF THE APPROVED SYSTEM CONFIGURATION MUST BE MOUNTED AND INSTALLED IN COMPLIANCE WITH THE BARRIER MANUFACTURER'S REQUIREMENTS.
- 2. WIRING METHODS MUST BE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE ANSI / NFPA 70, ARTICLE 504 AND ANSI / ISA-RP12.6.
- 3. BARRIER MUST BE FM APPROVED.
- 4. NO REVISIONS TO THIS DRAWING ARE PERMITTED WITHOUT PRIOR APPROVAL BY FACTORY MUTUAL (FM).
- 5. REFER TO "TABLE ONE" FOR FIELD WIRING LIMITS ON CAPACITANCE AND INDUCTANCE FOR THIS DEVICE / BARRIER CONFIGURATION.
- 6. BARRIERS SHALL NOT BE CONNECTED TO ANY DEVICE THAT USES OR GENERATES IN EXCESS OF 250 V RMS OR DC UNLESS IT HAS BEEN DETERMINED THAT THE VOLTAGE IS ADEQUATELY ISOLATED FROM THE BARRIER.

VERIFY REVISION BEFORE USING

/	D	D	REV	REV STATUS OF SHEETS	
3	2	1	SHEET		

NEXT ASSY		USED ON		MATERIAL:		AI-TEK Instruments, LLC Cheshire, CT USA 06410				
TOLERANCE: UNLESS OTHERWISE SPECIFIED		FINISH:		APPROVALS		DATE		TITLE		REV
FRAC: ± 015 X.XXX ± 005		DRAWN: KA Erasmus		4/26/2010		MAGNETIC PICKUP		REQUIRED WIRING FOR INSTRINSICALLY		D
X.XX ± 01 ANGLE ± 5°		CHECKED: CSKalley		5/13/2010		SAFE INSTALLATION				
DIMENSIONS = INCHES		DSN: CSKalley		5/13/2010		SIZE B		CAGE CODE 1XP56		DWG NO. 906-0547-001
INTERPRET DRAWING PER ASME Y14.5M 1994		MFG: ERuman		5/13/2010		SCALE: —		INVENTOR		SHEET 1 OF 2
THIRD ANGLE PROJECTION		CA: CE Gerard		5/13/2010						
DO NOT SCALE DWG										

TABLE 1

Model Number	Group	Vmax (V)	I _{max} (mA)	C _i (μF)	L _i (mh)	Model Number	Group	Vmax (V)	I _{max} (mA)	C _i (μF)	L _i (mh)
70085-1010-216	A,B	30	12	0	210	70085-1010-417	A,B	30	21	0	75
	C		24				C		41		
	D		36				D		60		
70085-1010-235	A,B	30	21	0	75	70085-1010-420	A,B	30	21	0	75
	C		41				C		41		
	D		60				D		60		
70085-1010-245	A,B	30	12	0	210	70085-101040430	A,B	30	21	0	75
	C		24				C		41		
	D		36				D		60		
70085-1010-249	A,B	30	21	0	75	70085-101040630	A,B	30	21	0	75
	C		41				C		41		
	D		60				D		60		
70085-1010-392	A,B	30	21	0	75	70085-101041730	A,B	30	21	0	75
	C		41				C		41		
	D		60				D		60		
70085-1010-403	A,B	30	12	0	210	70085-101042030	A,B	30	21	0	75
	C		24				C		41		
	D		36				D		60		
70085-1010-404	A,B	30	21	0	75	70085-1010-540	A,B	30	21	0	75
	C		41				C		41		
	D		60				D		60		
70085-1010-405	A,B	30	12	0	210	70085-1010-541	A,B	30	21	0	75
	C		24				C		41		
	D		36				D		60		
70085-1010-406	A,B	30	21	0	75	70085-1010-542	A,B	30	21	0	75
	C		41				C		41		
	D		60				D		60		
70085-1010-415	A,B	30	12	0	210	70085-1010-543	A,B	30	21	0	75
	C		24				C		41		
	D		36				D		60		
70085-1010-416	A,B	30	12	0	210	70085-1010-544	A,B	30	21	0	75
	C		24				C		41		
	D		36				D		60		

VERIFY REVISION
BEFORE USING

AI-TEK Instruments, LLC
Cheshire, CT USA 06410

SIZE B	CAGE CODE 1XP56	DWG NO. 906-0547-001	REV D
SCALE: —		INVENTOR	SHEET 2 OF 2