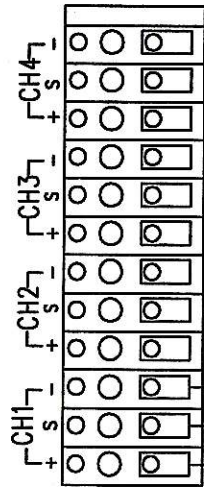


P1	Preliminary Release	1/23/08	
0	Released per ECR 080603-01	6/16/08	
A	ECR 090630-01	7/14/09	

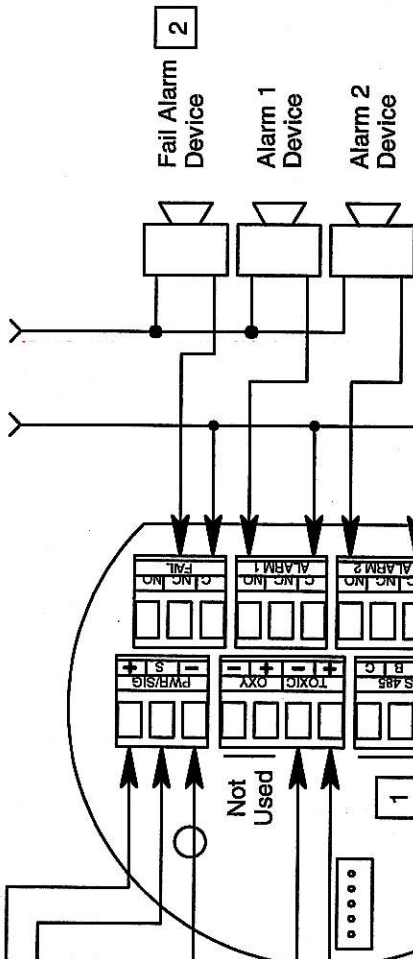
Detector Wiring



Cable Shield

Beacon 800 Housing

Alarm Device Power



Typical Alarm Wiring Shown

M2 Transmitter

See Table

Black

ESM-01 Detector

Gas Type Table

Gas Type	+ Wire
AsH3	brown
Cl2	yellow
HCN	white
NH3	red
NO	orange
PH3	green
SO2	blue

Notes

- See drawing 65-2610RK-R10 for RS-485 wiring.
- Each set of relay contacts rated for 5 amps 250 VAC resistive.

MASTER

		RKI Instruments, Inc. www.rkiinstruments.com	
All Dimensions in Inches Unless Otherwise Noted.		TITLE: Wiring Diagram, M2, ESM-01 to Beacon 800	
DO NOT SCALE DRAWING Deburr Break Edges .010 R	Tolerances & Finishes Unless Otherwise Noted: .XX ± .010 Angles ± 0° 30' .XXX ± .005 Conc. .010 TIR Fractions ± .015 Finish 125/32	MATERIAL: N/A FINISH: N/A	DRAWN BY: CW/DJ PART NUMBER: 65-2618RK-R04 REVISION: A
Finish for O-ring Grooves, 3 Sides		APPROVED BY:	DATE: 1/23/08 PAGE 1 OF 1