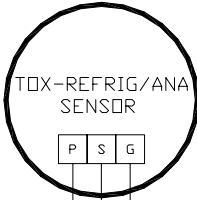


# TOX-REFRIG MONITOR

## FIELD WIRING



Wire Gauge (AWG)	Max Cable Length (feet)	BELDEN NUMBER
18	2,000	8770
16	3,000	8618
14	4,000	83753
12	6,000	83803

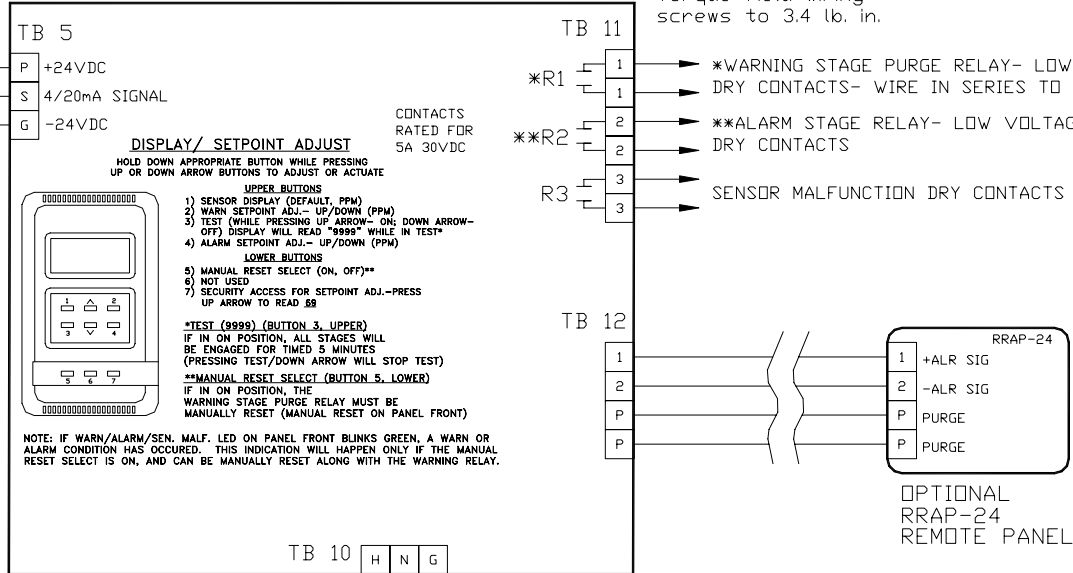
SENSOR WIRE GAUGE AND LENGTH  
(IF CABLE IS NOT RUN IN METAL CONDUIT USE SHIELDED CABLE)

\*RELAY R1 ACTUATES WHEN LEVEL OF REFRIGERANT IS AT 100 PPM (FOR R-123, AT 30PPM)  
 \*\*RELAY R2 ACTUATES WHEN LEVEL OF REFRIGERANT IS AT 150 PPM (FOR R-123, AT 50PPM)

Torque field wiring screws to 3.4 lb. in.

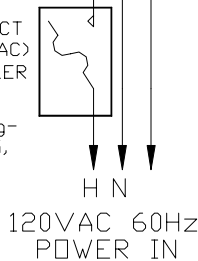
TOX-REFRIG PANEL

Torque field wiring screws to 3.4 lb. in.



FUSED MAIN DISCONNECT (RATED 1 AMP @ 120VAC) PROVIDED BY INSTALLER

Power circuit field wiring- use copper wire, 14 AWG, 60°C wire insulation  
 Torque field wiring screws to 7lb. in.



**INSTALLATION NOTE:**

AFTER SYSTEM HAS BEEN COMPLETELY WIRED APPLY POWER TO TB 10. ALLOW 24 HOURS FOR SENSOR(S) TO STABILIZE DURING WHICH TIME FALSE ALARMS MAY OCCUR.

**TOXALERT INTERNATIONAL**  
 GAS DETECTION SYSTEMS  
 www.toxalert.com  
 P.O. BOX 159 MOUND, MN. 55364  
 (952)472-4541

ENG: *	ENG. BY *
CONTR: *	DWN. BY <i>TKB</i>
A.	B.
C.	D.

<b>TOX-REFRIG FIELD WIRING - TYPICAL</b>	
* *	
SHEET *	DATE: 7/11/05
DWG. No. SECTION 5 STD.	