



OMNTEC

Advanced Tank Monitoring & Leak Detection

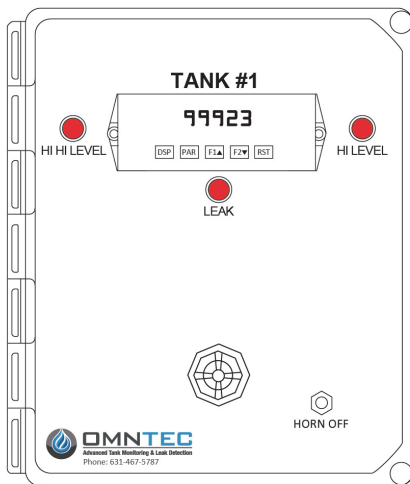


1. Open the camera app
2. Focus the camera on the QR code by gently tapping the code
3. Follow the instructions on the screen to view PDF file

RD625-1-HHL

FOR OEL8000IIIK/X GenIV

INSTALLATION GUIDE



REMOTE DISPLAY

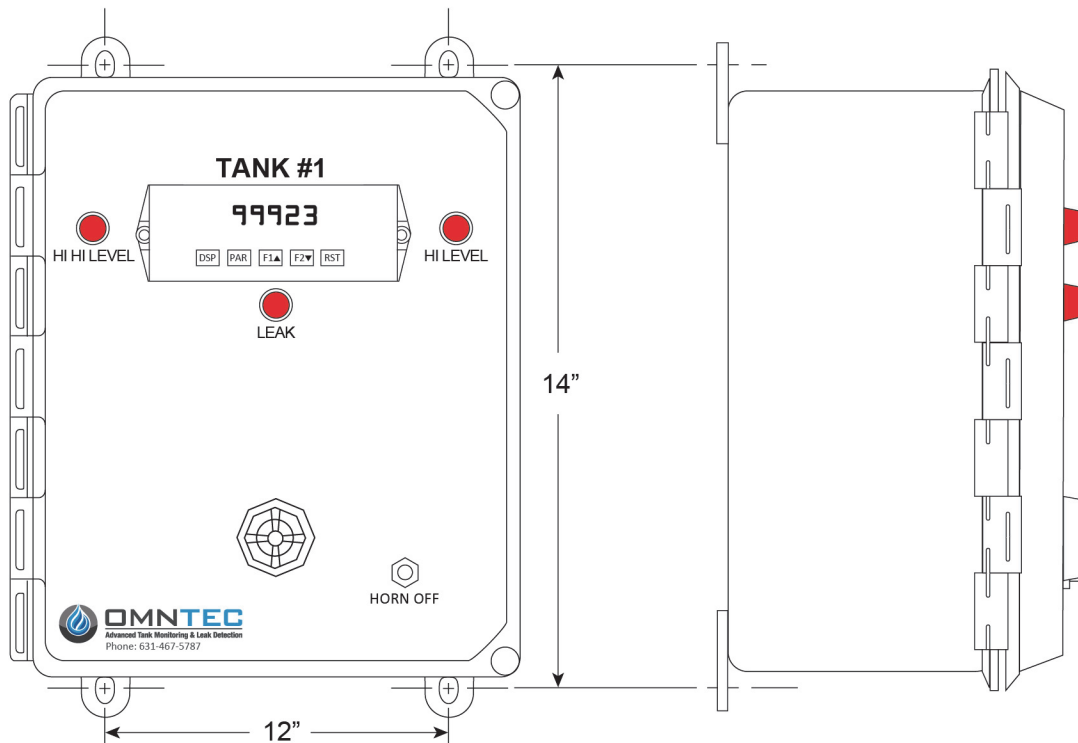
Revision 2622

Document No. RD625-1-HHL

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RD625-1-HHL REMOTE DISPLAY



RD625-1-HHL SPECIFICATIONS

POWER INPUT

85-250 VAC

OPERATING TEMPERATURE

0 to 50 deg. C

WEIGHT

10 Pounds

ENCLOSURE

TYPE 4X

ENCLOSURE

OEL8000IIIK

OEL8000IIIX

AUDIO/VISUAL CONSOLE

AUDIBLE ALARM - 95 dB pulsing horn with 30 second timeout

LED DIGITAL DISPLAY - Tank volume

RED LIGHT - Hi Hi Level, Hi Level, and Leak alarm indication

HORN OFF BUTTON - Silences the audible alarm

TEST BUTTON - Test system lights and horn

INPUT

MB-232/485 From OEL8000IIIK and OEL8000IIIX

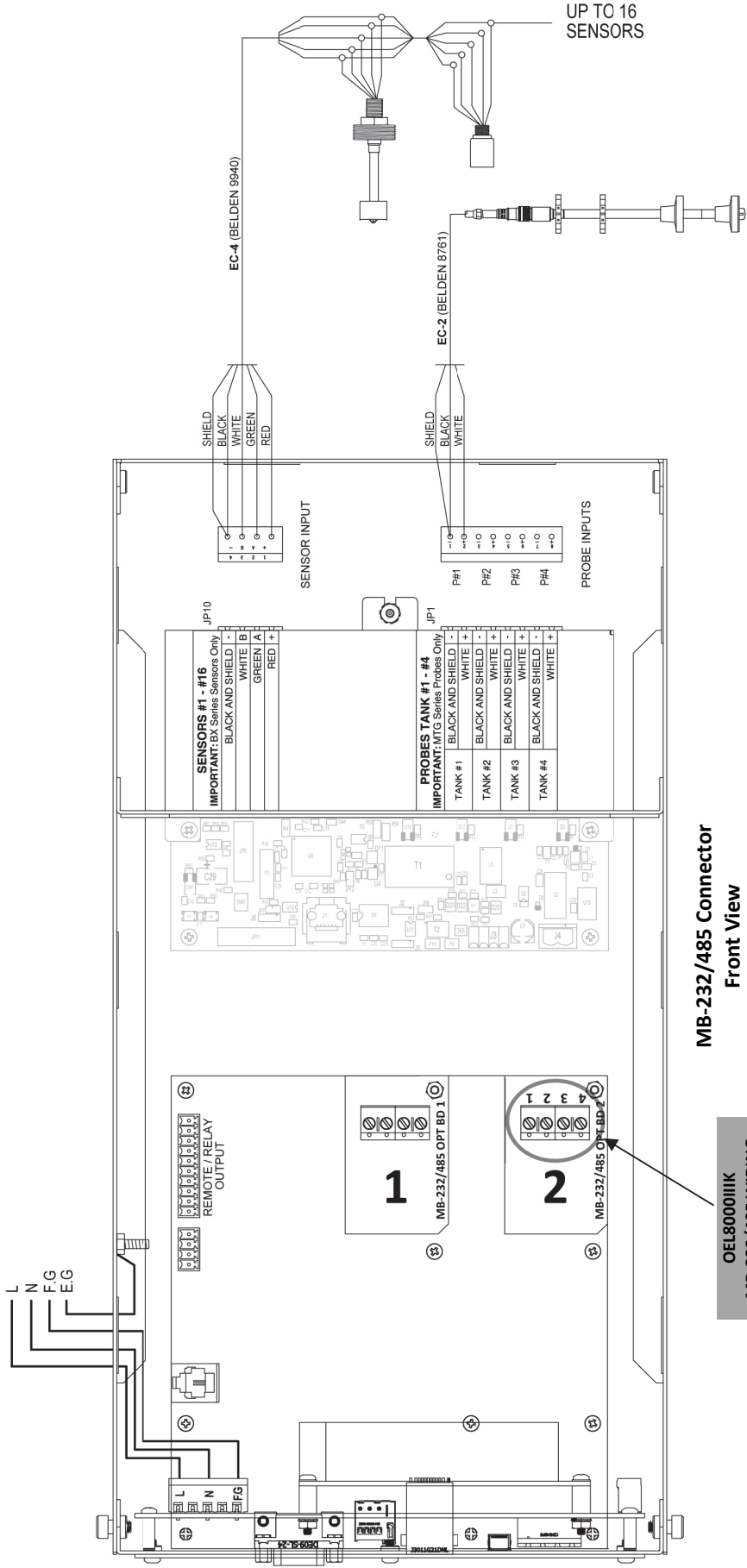
MCU J16 Remote/Relay Output

XC-R8 Relay output

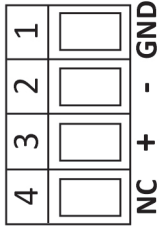
XB-RB8 Relay output from OEL8000IIIX

IMPORTANT: Cable runs not to exceed 2000 feet.

OEL8000IIK MB-232/485 WIRING



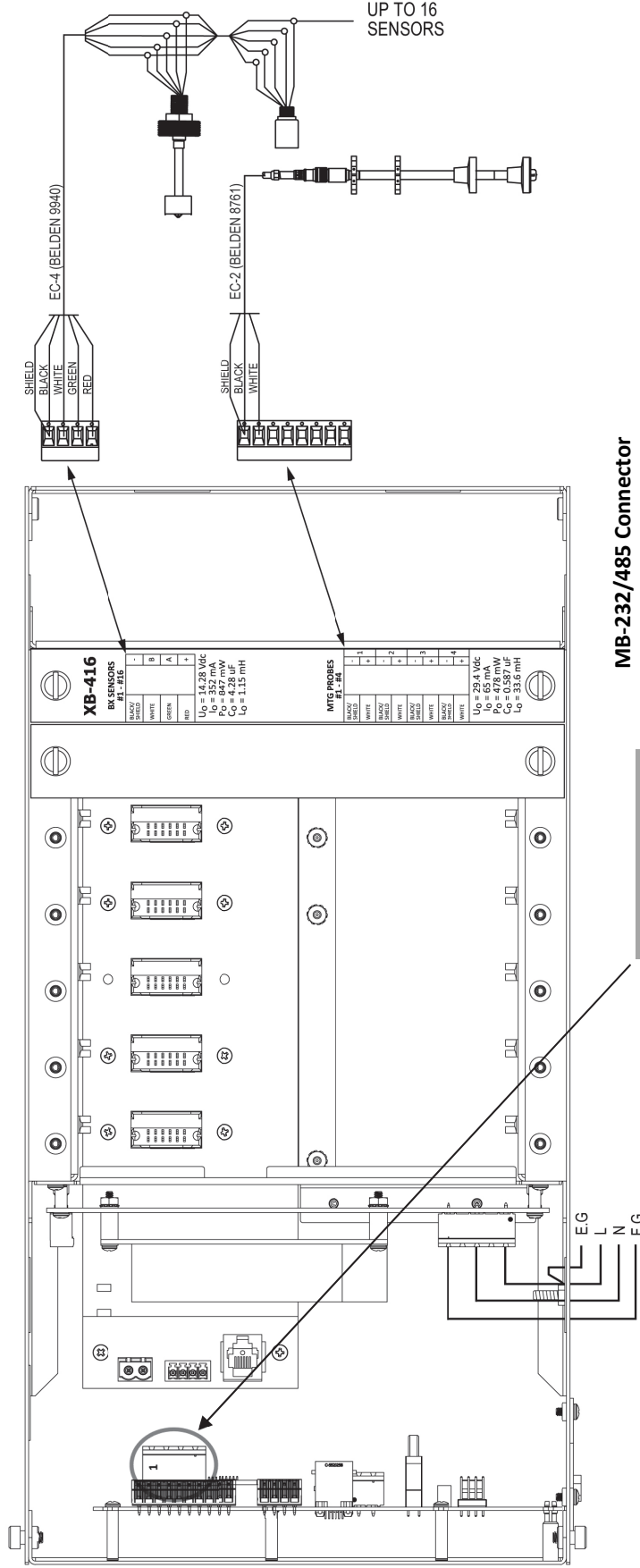
**MB-232/485 Connector
Front View**



OEL8000IIK MB-232/485 WIRING	
1	BLACK (GND)
2	RED (-)
3	WHITE (+)
4	UNUSED

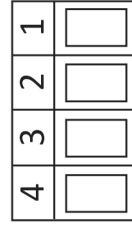
Note: Slot 1 or Slot 2 can be used for MB-232/485 board.

OEL8000IIX MB-232/485 WIRING



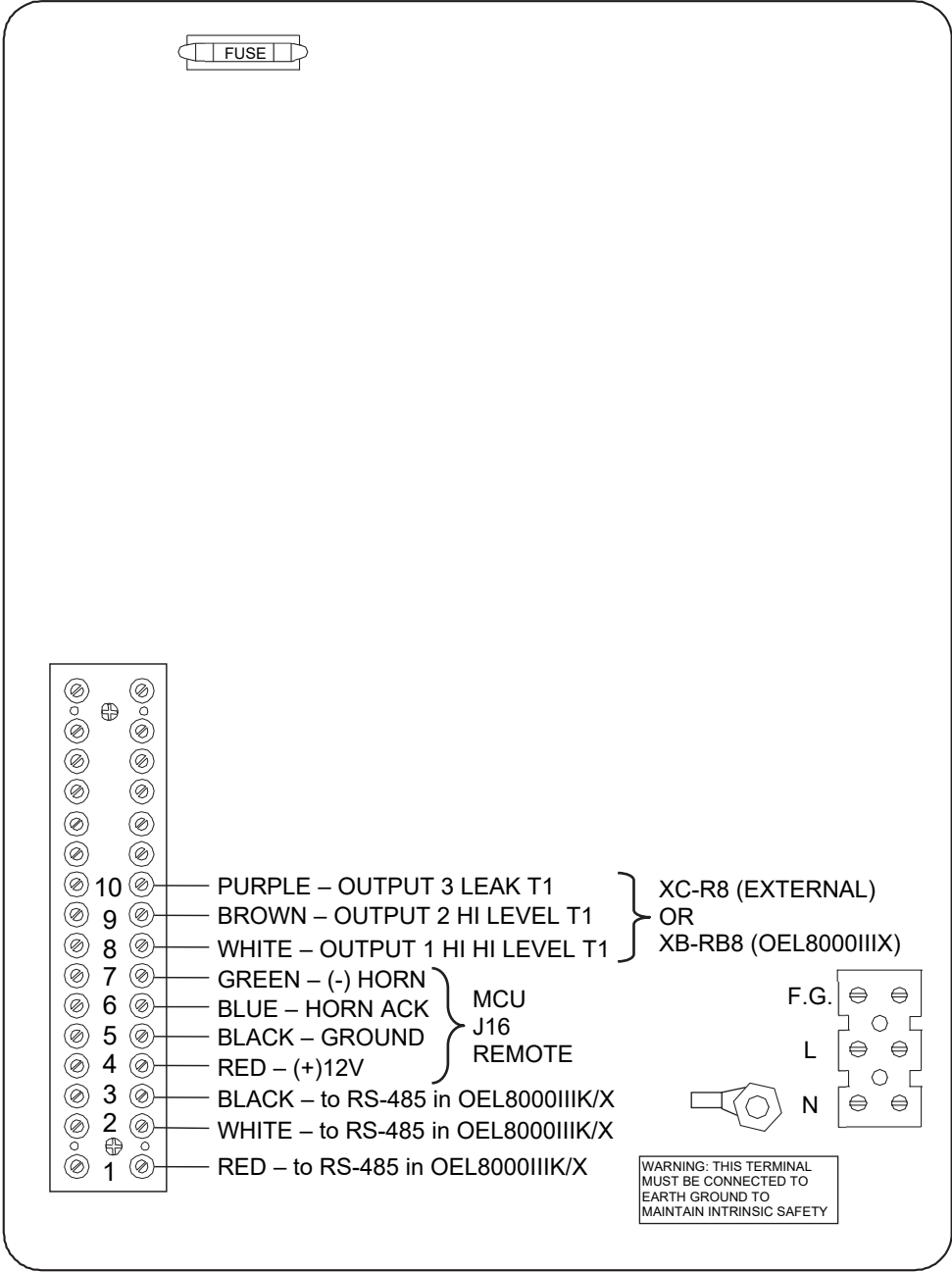
MB-232/485 Connector

Front View

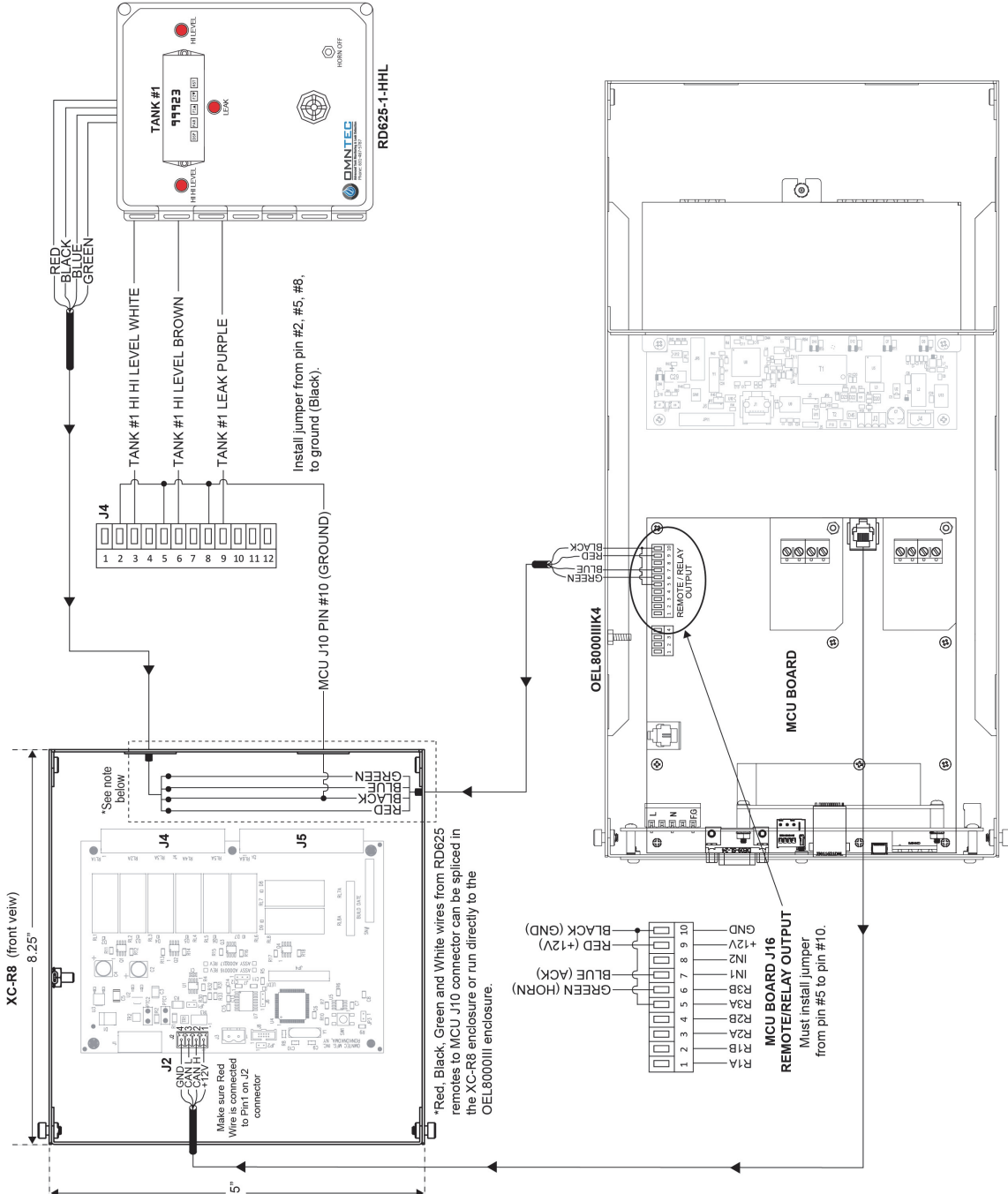


OEL8000IIX MB-232/485 WIRING	
1	BLACK (GND)
2	RED (-)
3	WHITE (+)
4	UNUSED

RD625-1-HHL WIRING



OEL8000IIK / XC-R8 / RD625-1-HHL WIRING



RD625-1-HHL to XC-R8 J4

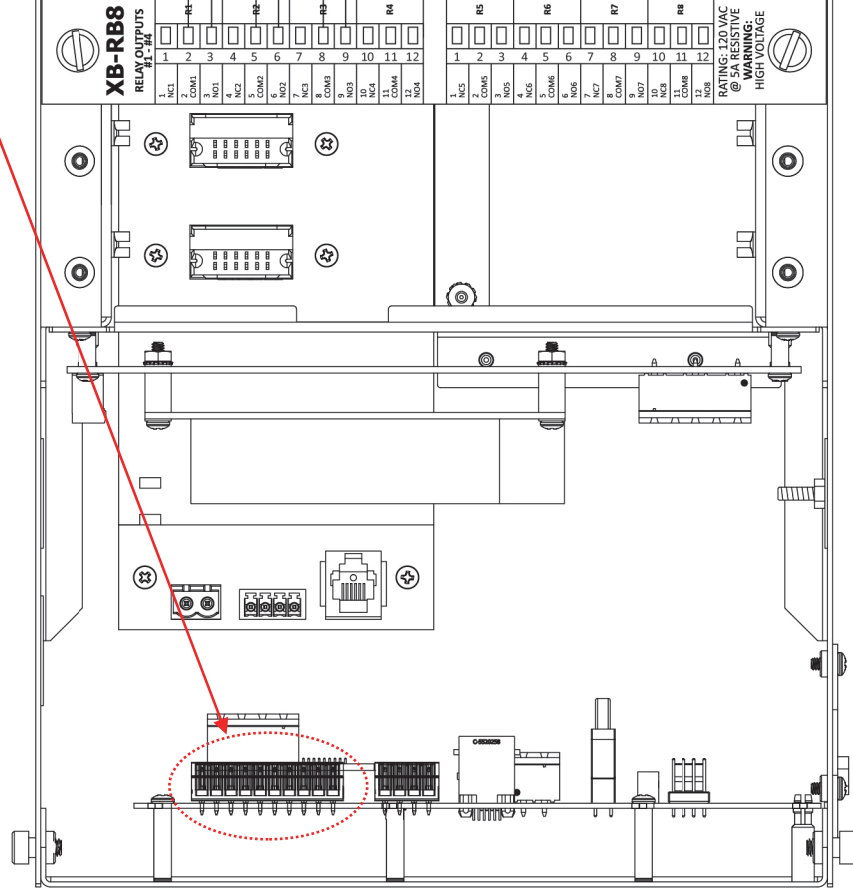
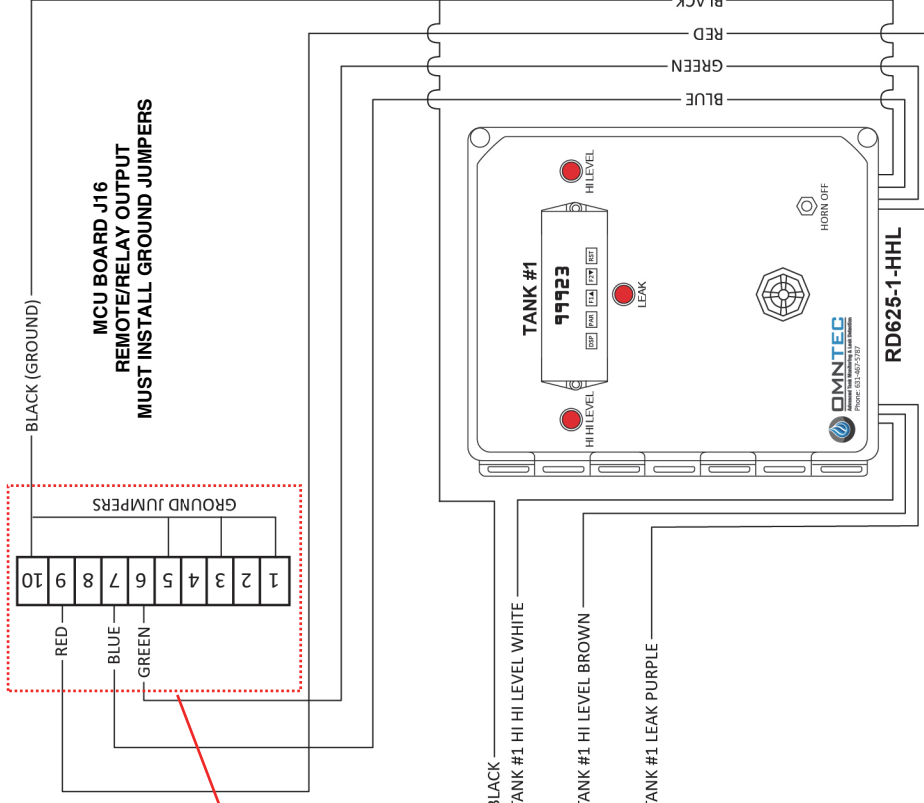
1	UNUSED
2	JUMPER TO PIN 5
3	WHITE TANK 1 HI HI LEVEL
4	UNUSED
5	JUMPER TO PIN 8
6	BROWN TANK 1 HI LEVEL
7	UNUSED
8	GND MCU J16 PIN 10
9	PURPLE TANK 1 LEAK
10	UNUSED
11	UNUSED
12	UNUSED

RD625-1-HHL to OEL8000IIK MCU J16

1	R1A	UNUSED
2	R2A	UNUSED
3	R1B	UNUSED
4	R2B	UNUSED
5	R3A	JUMPER TO PIN 10
6	R3B	GREEN (HORN)
7	IN1	BLUE (ACK)
8	IN2	UNUSED
9	+12V	RED (+12V)
10	GND	BLACK (GND)

OEL8000IIX / XB-RB8 / RD625-1-HHL WIRING

RD625-1-HHL to XB-RB8 J4		RD625-1-HHL to OEL8000IIX MCU J16	
1	UNUSED	1	R1A JUMPER TO PIN 10 (GND)
2	JUMPER TO PIN 5	2	R2A UNUSED
3	WHITE TANK 1 HI LEVEL	3	R1B JUMPER TO PIN 10 (GND)
4	UNUSED	4	R2B UNUSED
5	JUMPER TO PIN 8	5	R3A JUMPER TO PIN 10 (GND)
6	BROWN TANK 1 HI LEVEL	6	R3B GREEN (HORN)
7	UNUSED	7	IN1 BLUE (ACK)
8	GND MCU J16 PIN 10	8	IN2 UNUSED
9	PURPLE TANK 1 LEAK	9	+12V RED (+12V)
10	UNUSED	10	GND BLACK (GND)
11	UNUSED		
12	UNUSED		



Important Notes:

- Bring the annunciator cable into the annunciator via conduit.
- Ensure that the conduit connection is watertight.
- The optional annunciators (RD625 Series) require #22 AWG low voltage communication wire as a minimum.