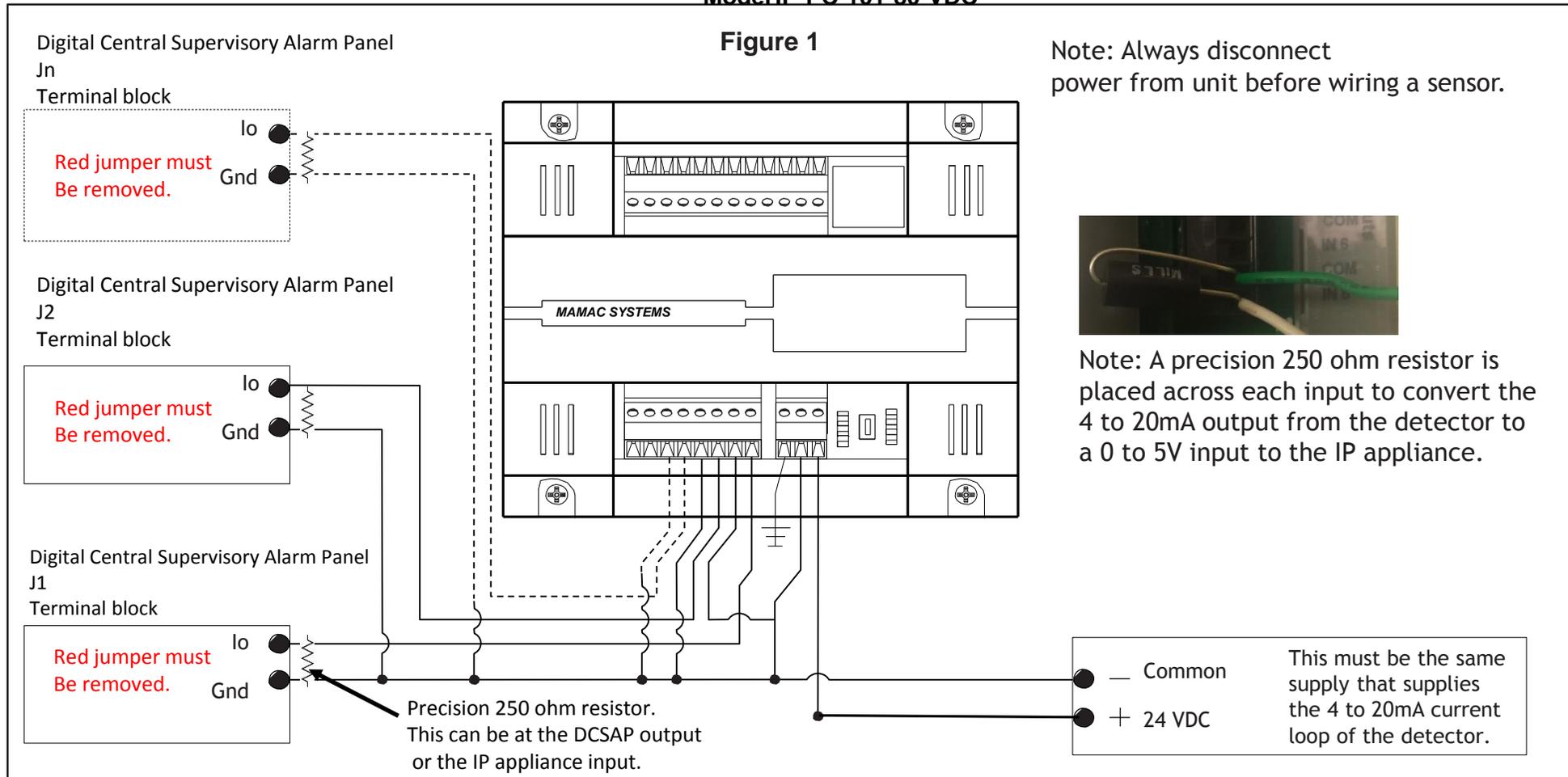


Cool Air Inc. Wiring Instructions

Maverick IP Sensor Appliance to Digital Central Supervisory Alarm (DCSAP) Panel for Ammonia

4 to 20mA output.

Model IP-PC-101-80-VDC



This is the input configuration screen.

15:53:45 February 17, 2016

IP-PC-101-80-VDC

Configuration | Inputs | Input 1

MAMAC SYSTEMS

Main
Data Logging
Configuration

Input 1

Name:

Real Value Limits and Units

Min Value: Max Value: Units:

Email Alert Configuration

Alert Enable: On Off

Lower Value:

Upper Value:

Alert Wait:

Attach Log: On Off

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This is where you name the input to identify the detector it corresponds to.

50

-12.5

% LEL

Input scaling. SEE Page 4

After naming and scaling the input be sure to click this button.

To scale the MAMAC inputs to match your LBW-420

Because the MAMAC is a voltage input IP appliance we must convert the 4 to 20mA to 0 to 5Vdc by adding a precision 250 resistor across each MAMAC input. 4mA will be 1Vdc and 20mA will be 5Vdc. Therefor the following will be true.

Range (in % LEL)	0% (in Vdc)	MAX Range %(in Vdc)	%/ Vdc	MAMAC input max value	MAMAC input Min Value
0 – 50	1Vdc	5Vdc	12.5	50	-12.5