



<b>SERIES 6000 NEEDLE GAUGES</b>
MARK 10
ANALOG DIAL LEVEL MONITORS
WATER OR FOAM

**\*\*INSTALLATION INSTRUCTION MANUAL\*\***

**\*\* topics \*\***

**page#**

1. DIAL INSTALLATION INSTRUCTIONS -----	2
2. CONTROL MODULE WIRING INSTRUCTIONS -----	3
3. CONTROL MODULE SPECIFICATIONS-----	4
4. CALIBRATION INSTRUCTIONS-----	4
5. AIR RELIEF FITTING -----	5



## SERIES 6000 NEEDLE GAUGES

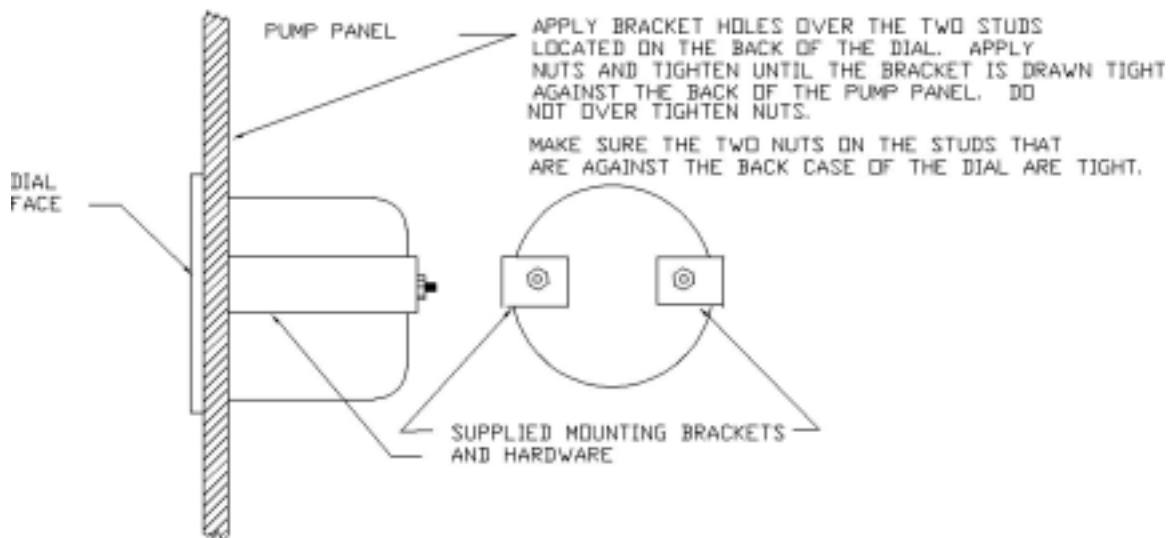
MARK 10

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### **\*MARK 10 INSTALLATION INSTRUCTIONS\***

CUT A 3 3/8" (85mm) HOLE IN THE PANEL. SECURE THE DIAL TO THE PANEL USING THE BRACKETS AND HARDWARE AS SHOWN BELOW:



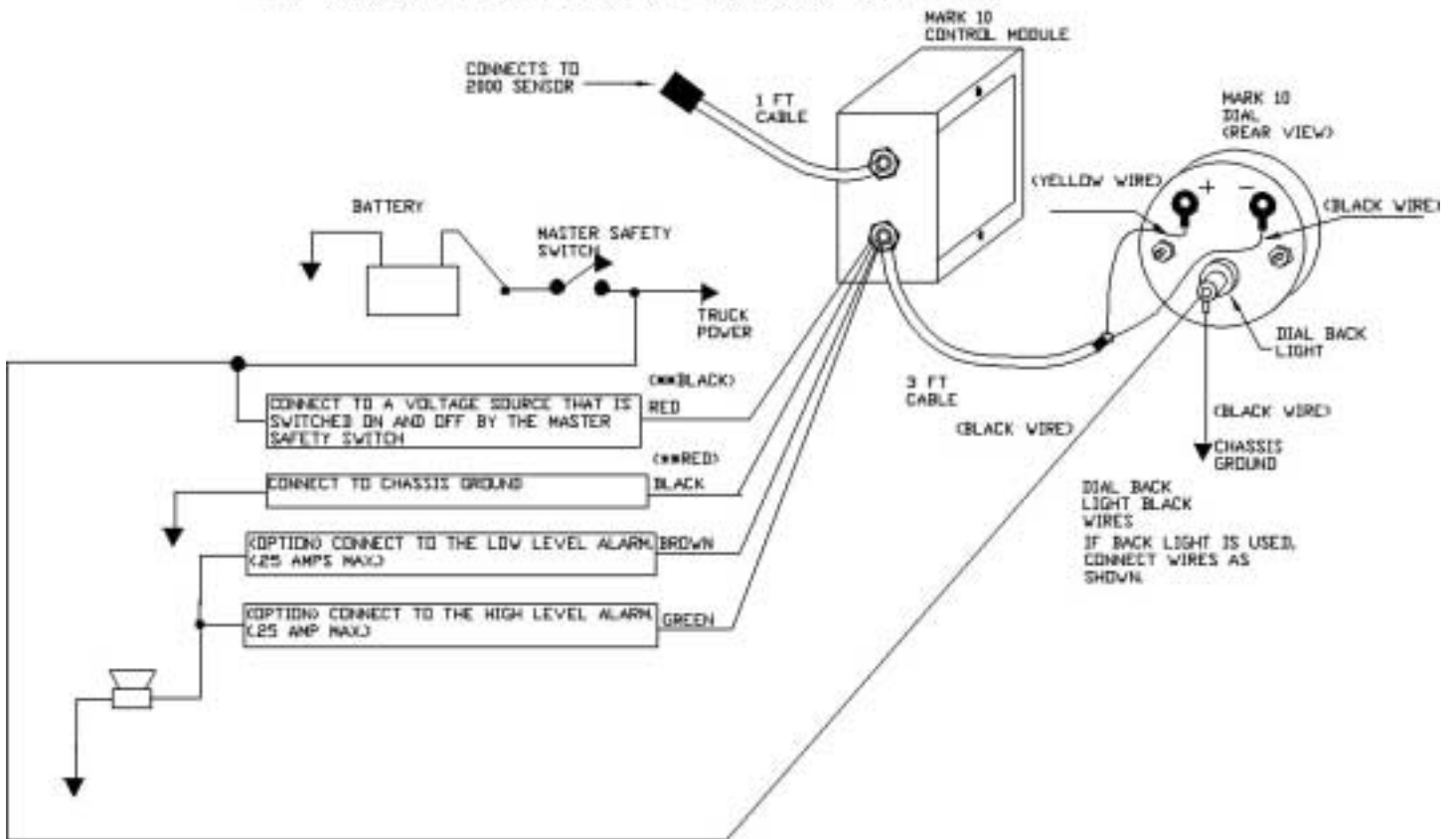


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**\*\* MARK 10 CONTROL MODULE WIRING DIAGRAM \*\***

12V OR 24V SYSTEMS

**\*\* WIRING FOR POSITIVE GROUND SYSTEMS**





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**\* CONTROL MODULE SPECIFICATIONS\***

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<b>CURRENT LOAD</b>	.125A
<b>SUPPLY VOLTAGE</b>	12V/24V
<b>SYSTEM GROUND</b>	NEG/POS

**\*\* CALIBRATION INSTRUCTIONS\*\***

THE MARK 10 IS FACTORY CALIBRATED FOR A SPECIFIC TANK. IF FURTHER ADJUSTMENT IS REQUIRED, PLEASE FOLLOW THE BELOW STEPS:

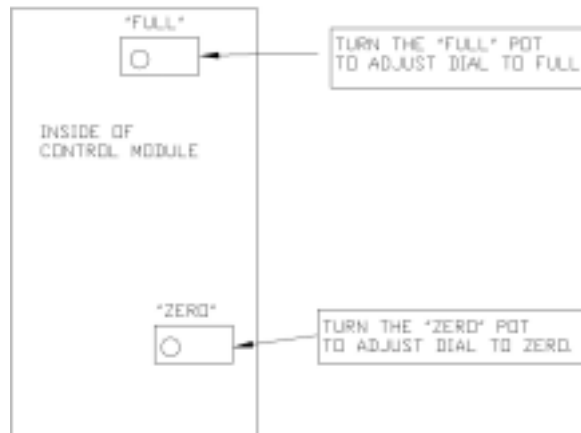
**IMPORTANT NOTE:**

**\*THE “ZERO” POINT CAN BE ADJUSTED ONLY AFTER THE “FULL” POINT HAS BEEN SET!**

**\*TURN THE POTENTIOMETERS SLOWLY WHEN CALIBRATING AS NOT TO OVERTHROOT THE SET POINTS!**

FIRST, GAIN ACCESS TO THE TWO ADJUSTMENT POTENTIOMETERS BY LOOSENING THE TWO STRAIN RELIEF FITTINGS, REMOVE THE FOUR WHITE PLASTIC ARROW CLIPS AND CAREFULLY SLIDE OPEN THE BACK COVER OF THE CONTROL MODULE.

- **FULL ADJUSTMENT** – WITH A FULL TANK OF FLUID, TURN THE “FULL” POTENTIOMETER UNTIL THE NEEDLE ON THE DIAL MOVES TO FULL.
- **ZERO ADJUSTMENT** – WITH AN EMPTY TANK OR THE SENSOR LIFTED COMPLETELY OUT OF THE TANK, TURN THE “ZERO” POTENTIOMETER UNTIL THE NEEDLE ON THE DIAL MOVES TO ZERO.





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### **\*\* SERIES 2000 AIR RELIEF FITTING \*\***

#### **INSTALLATION INSTRUCTIONS FOR USE IN SEALED OR NON-VENTED TANKS ONLY**

ENSURE THAT THE AIR RELIEF VALVE WILL SIT ABOVE THE FLUID LEVEL. DRILL A 1 1/8" HOLE IN THE FILL TOWER LID.

UNSCREW THE SUPPLIED RELIEF FITTING. INSERT ONE HALF OF THE FITTING INTO THE HOLE AND SCREW THE REMAINING HALF ONTO THE FIRST HALF HAND TIGHT.

THE MC AIR RELIEF FITTING WAS SPECIALLY DESIGNED TO MAINTAIN THE APPROPRIATE PRESSURE IN THE TANK.

TANKS PREVIOUSLY EQUIPPED WITH A VENT OTHER THAN MC PRODUCTS AIR RELIEF FITTING ARE STILL REQUIRED TO INSTALL THE MC AIR RELIEF FITTING WITH A MC SERIES 2000 PVC FACTORY VENTED SENSOR.

