



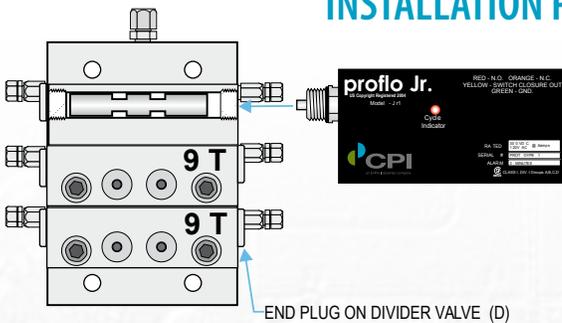
- 2 RED WIRES:** Normally Open N/O. Connect one to control panel for no-flow shutdown, one to ground. 300 VDC/120VAC @ .5 A max.
- 2 ORANGE WIRES:** Normally Closed N/C. Connect to control panel for closed loop operation. 300 VDC/120VAC @ .5 A max.
- 2 YELLOW WIRES:** Switch closure output. The two (2) yellow wires are used to send a switch closure output with each divider block cycle to a PLC, Scada System, Digital Counter or Digital Control Panel.
- 1 GREEN WIRE:** Ground.

Caution: N/O & N/C OUPUTS ARE NOT ISOLATED, USE NORMALLY OPEN OR NORMALLY CLOSED ALARM OUTPUTS, NOT BOTH. INSULATE ALL WIRES from contact with each other or anything else when not in use .

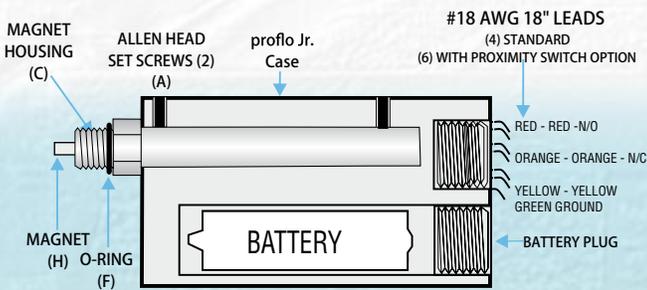


WARNING: WELDING ON THE COMPRESSOR SKID OR PIPING WITH THE PROFLO WIRING CONNECTED TO ANYTHING WILL DESTROY THE PROFLO ALARM CIRCUIT OR CAUSE THE UNIT TO FAIL PREMATURELY. THIS WILL VOID THE PROFLO WARRANTY!

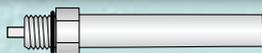
INSTALLATION PROCEDURE FOR proflo Jr. MODEL Jr1



1. Loosen all Allen head set screws (2) (A) on top of proflo Jr. case and remove magnet housing (C).
2. Remove end plug (D) from end of divider valve where proflo Jr. will be installed. The proflo Jr. may be installed on any convenient divider valve, top to bottom or on either side. (Notice: Do not install on any divider valves with cycle indicator pins or any Dropsa divider valve less than SMX16.)
3. Be sure O-ring (F) is in place on magnet housing (C). Screw magnet housing (C) into end of divider valve (E). Torque to 15 foot pounds max.
4. Slide proflo Jr. all the way on magnet housing (C). Torque 15 inch pounds.
5. The LED on the proflo Jr. indicates one complete cycle of the divider block system. Recommended cycle time can be found on a tag on top of the lubricator box or by contacting the compressor manufacturer or the engineer who designed the lube system. If cycle time cannot be identified contact CPI at 1-800-664-4033. Correct operation of the proflo Jr. can be verified by the compressor running or by manually pumping oil through the divider valve assembly with a hand purge gun.
6. NOTE: For Lincoln divider blocks it may be necessary to adjust the proflo Jr. by sliding the unit back approximately 1/8" on the magnet assembly until the LED flashes. All conduit and connections should be appropriate for area classification.
7. After installing the proflo Jr. or performing any maintenance on the lube system, compressor cylinders or packing, it is necessary to purge all air from the divider block lubrication system with a lubrication system purge gun before compressor start-up.



The proflo Jr. must be installed with the correct magnet assembly for each divider block manufacturer



Alemite, SB & Trabon



Dropsa



Lincoln



Battery Replacement Instructions (TADIRAN 15-5103-41500)

1. Remove Battery Plug using a 3/8" drive ratchet.
2. Remove Battery with needle nose pliers.
3. Remove heat shrink from battery and unsolder wires from battery.
4. Cut leads on new battery to match old battery and solder wires to battery. RED to positive end of battery and BLACK to negative end.
5. Place 3/4" heat shrink 2 1/2" long over battery and wires making sure the heat shrink covers both ends of battery. The heat shrink is necessary to keep the battery from shorting against the inside of the case.
6. Apply heat to the heat shrink and let it cool.
7. Twist the battery as you insert it in the case and replace the battery plug.



CLASS I, DIV 1
Groups A, B, C, D



WARNING - EXPLOSION HAZARD - DO NOT DISCONNECT OR CHANGE BATTERIES WHILE CIRCUIT IS LIVE. BATTERIES MUST ONLY BE CHANGED IN A NON-HAZARDOUS AREA.