



Site Preparation Guide

QT Petroleum on Demand
M3000

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Introduction

This Site Preparation Guide has been written to assist you in understanding how the M3000 automated card reader system functions and what site infrastructure is required for startup. Please take the necessary time to review this booklet. Many of the suggestions and recommendations contained in these pages are sincerely presented to help you avoid costly missteps.

In order to assure you have a smooth start up, there are specific requirements that must be met and recommendations, which, while not mandatory, will enhance overall operation. During startup, if requirements have not been met, the startup technician may require the owner/operator to sign a warranty exemption.

Please note that these checklist items are not totally inflexible. There can be some variance but you must check with a QT Petroleum on Demand Field Engineer before making any deviations from these recommendations. Two of the most frequent questions center on the pulser and two-stage valves. These are mandatory requirements since they directly affect the accuracy and precision of each fuel transaction. In credit card transactions, all pre- approved sales are, by definition, "pre- set". Accurate pre-set sales are not possible without a two-stage valve.

In addition, a pulser (which is the electric counting device that tells the fuel terminal how much fuel is flowing) with incorrect or insufficient resolution will result in inaccurate readings to your customers and to you (resulting in possible loss of revenue). It may also place you in jeopardy of failing local, state, and federal weights &

measures inspections.

Bottom line: We want your M3000 Fuel Terminal to function 100% as advertised and the extra effort spent during the site Preparation Phase will go a long way to ensure a smooth and trouble free operating history.

M3000 Components

The M3000 Automated Fuel Terminal consists of a terminal head that is attached to a pedestal. All site preparation work centers around the pedestal since the terminal head is not installed until it is time to put the unit into service. This is important since leaving an unpowered terminal head out in the elements subjects it to moisture condensation that can corrode the electronics inside. This is why the pedestal and head are shipped in separate containers and why the pedestal



Figure 1— The M3000 consists of the terminal head and the pedestal

has a weather proof Plexiglas shield over its top - the pedestal is designed to be mounted first and allow the system to be operated in manual mode prior to terminal head startup.

The pedestal is designed with two doors separated by a shelf that is over 18" from the bottom (Figure 7). The shelf can be drilled for conduit holes so that rigid, explosion-proof conduit can be stubbed up to the shelf. Once wires in the conduit are pulled and rung out, they can be terminated to a circuit board that goes inside the pedestal called the Dispenser Pump Interface (DPI) board.

System Requirements

The QT Petroleum on Demand Model 3000 Automated Fuel Terminal has been designed to directly control between one to four mechanical pumps or dispensers. It comes equipped to handle two dispensers.

An optional expansion kit consisting of a second DPI board will provide support for an additional two dispensers.

Note: The QT Petroleum on Demand M3000 can also control some electronic dispensers. Call QT Petroleum on Demand for guidance if you have an electronic dispenser.

The following list of items are required equipment to successfully interface a mechanical dispenser with the Model 3000 fuel terminal:

1. A fuel flow pulser must be fitted to each dispenser. It may be configured to generate either 100 pulses/gallon or generate pulses from the penny wheel. When using the penny wheel, the pulser should provide one pulse per penny of fuel dispensed. The pulser may be either solid state or dry contact but should be capable of switching a 12 or 24 volt DC load at a frequency of up to 200 pulses/second. The

Western Electronics and OPW model 500 and Veeder-Root solid state pulsers have been used with good success (Figure 2).



Figure 2—Flow Pulser Types

Note: There are models of this pulser that are designed to mount on the penny wheel and will not work with gallon only meters

2. A dry contact switch which closes when the mechanical register has been reset to zero AND opens when the pump handle is returned to the "OFF" position (Figure 3).
3. An electrically operated main flow valve that will allow full fuel flow when provided with a 115 VAC source.
4. An electrically operated slow flow valve which, when energized at 115 VAC, will restrict fuel flow to about 1-3 gallons per minute.
5. If an electric reset motor is used, it should also operate at 115 VAC (A separate signal is provided by the terminal to power each reset motor).

Reset Motor
or
Mimic Switch Circuit

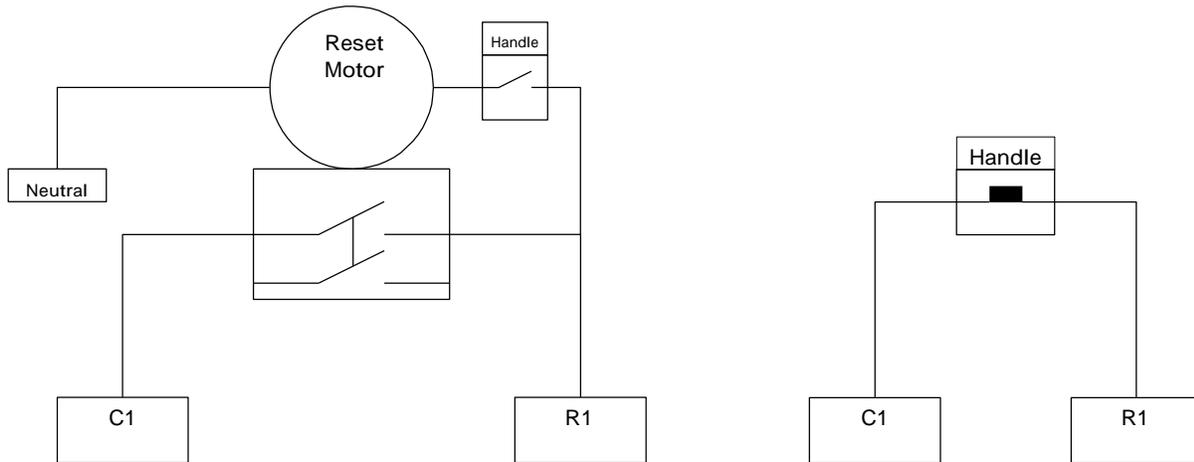


Figure 3—Dry contact switch schematic - gas station style dispensers resemble the diagram on the left - the diagram on the right is the minimum necessary for the M3000 dispenser interface.

6. The DPI board is not designed to directly drive pump motors. We require the use of 30 amp relays on the pump control (P1/P2) output circuits to keep the terminal electronics isolated from high current draws by fuel pump motors (QT Petroleum on Demand can provide these relays, if necessary). See Figures 5 & 6 for examples of relay placement.
7. A dedicated two wire, tone dial telephone line is required to allow the terminal to call for credit card authorizations and incoming configuration changes. This phone line cannot be used for any other purpose since the fuel terminal is programmed to answer incoming calls.
8. A static discharge ground reel sensor may be installed for each pump. It provides a signal when the customer pulls the ground clip from the reel. This feature is used as a safety interlock to help prevent static discharge related fires in an aviation application. Call QT Petroleum on Demand for details on ground reel sensors (See Grounding Reel Sensor Installation - page 10).
9. The terminal and dispenser components are powered by 115 VAC line power. It is highly

recommended that a large (10 AWG) ground wire is used in this conduit for lightening dissipation purposes.

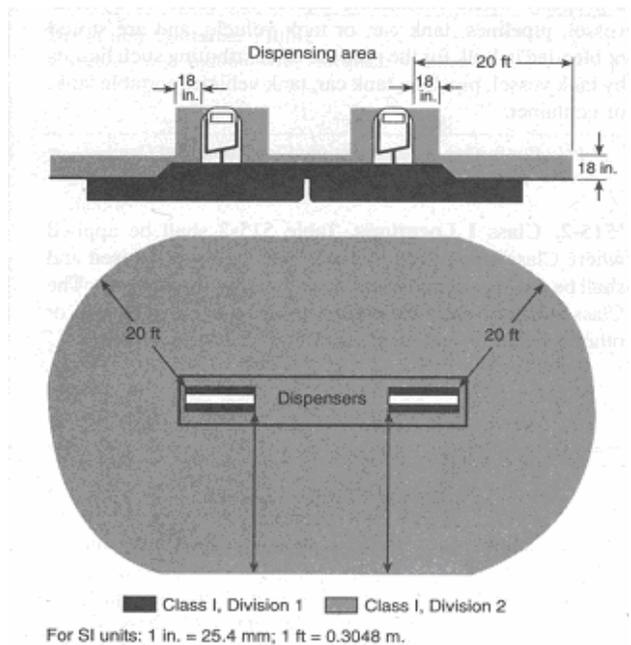
Referring to the enclosed wiring guide & schematic ensure that all high voltage circuits are delivered through the appropriate underground conduit to the terminal location. Typically 1/2" and a 3/4" rigid conduit is run from each dispenser directly to the pedestal. In addition a 3/4" rigid conduit is typically run from the pedestal to the nearest electrical distribution box.

Be sure each high voltage line is labeled correctly with both the signal name and dispenser number. Do not mix high voltage and low voltage wires within the conduits (unless low voltage wire is shielded) as mixing may cause unreliable system operation. Minor variations may exist such as the location of the main pump motors. Contact QT Petroleum on Demand for assistance if you are unsure about your particular application.

Space & Functional Considerations

When selecting a location for your M3000 Automated Fuel Terminal, carefully study the dimensions of the pedestal (Figure 7) and terminal head and remember that adequate space must be maintained behind the unit for installation and maintenance. This means that an area of several feet in radius behind the pedestal and terminal head should be maintained. It is also the responsibility of the person or persons doing the electrical site prep work (usually a licensed and bonded electrician) to comply with National Electrical Code (NEC). It is not QT Petroleum on Demand’s place or responsibility to enforce adherence to NEC but experience has shown that sometimes people design their fuel dispensing layout prior to carefully studying Article 514 - Gasoline Dispensing and Service Stations of the NEC. Minimum distances between the pedestal and dispensing equipment must be maintained and rigid conduit employing seal offs must be installed (However, please wait until after startup to pour the seal offs, if possible). Failure to research and comply with these codes can result in costly reengineering along with delays. If you or your site prep team have any questions, consult the appropriate authorities. In some cases, your local fire marshal may add further requirements to what you find published in the NEC.

This diagram in Figure 4 is from the NEC 1999 Book, (1998 National Fire Protection Association), and is presented here for INFORMATIONAL PURPOSES ONLY. Local, state, and federal requirements at your site can vary and the appropriate authorities should be consulted.



*Figure 514-2 Classified locations adjacent to dispensers as detailed in Table 514-2.

Figure 4—NEC Diagram for Informational Purposes only

Wiring Requirements - Option A

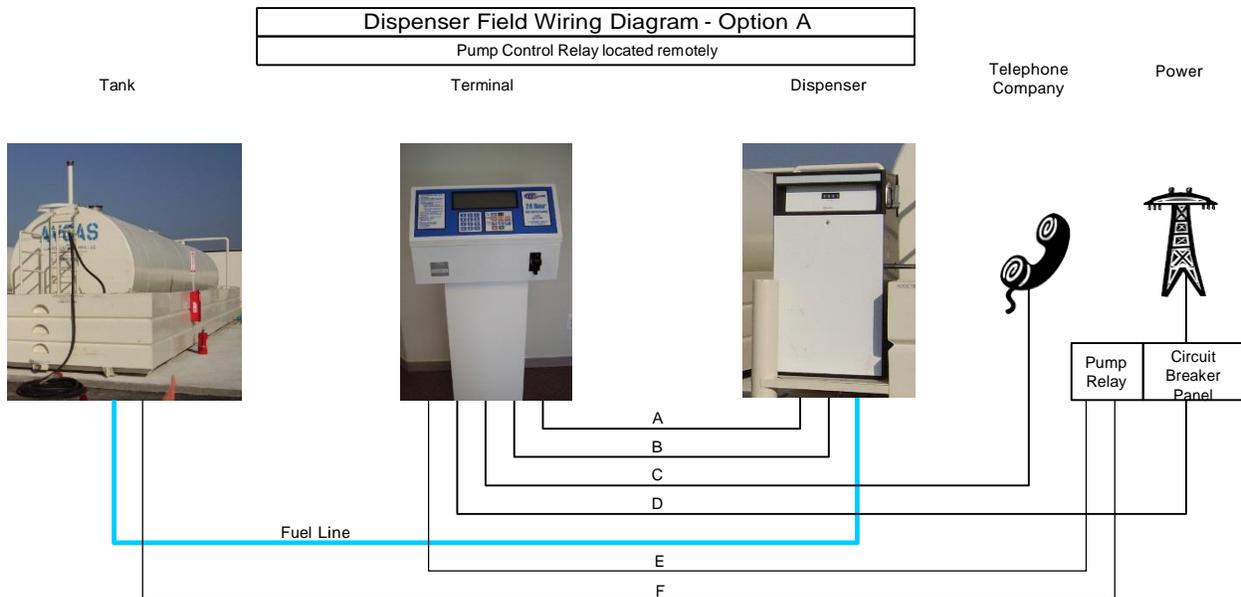
The Field Wiring diagrams on this page and the next describes general requirements for conduits and wires. The actual number of wires ultimately depend on individual components, their location, power ratings, etc.

In general, what you need is this:

1. Pulsar signal wires (Low voltage conduit from fuel dispenser to pedestal- conduit A)

Note: The low voltage conductors may be placed in the high voltage conduit as long as they are in shielded cable. This would eliminate the requirement for a separate conduit just for low voltage wires.

2. Dispenser component signal wires (High voltage conduit from fuel dispenser to pedestal- conduit B)
3. One or two dedicated phone lines (Low voltage conduit from phone switch to pedestal- conduit C)
4. A source of local power (High voltage conduit from circuit breaker to pedestal- conduit D)
5. Pump control wiring (High voltage conduit from pedestal to pump control relay—conduit E)
6. Any other required conduit (Usually for a tank mounted pump motor(s), hose reels, outdoor lighting, etc. - conduit F).



NOTE: This diagram is for a single dispenser setup. For more than one dispenser, add additional B & C conduits for each additional dispenser and add another pump relay control wire in conduit E.

IMPORTANT NOTES:

| Rigid Conduit | Size | Description of wires inside conduit |
|---------------|------|---------------------------------------------------|
| A | 1/2" | Low voltage for pulsar wires |
| B | 3/4" | High voltage for reset, clear, slow & fast valves |
| C | 1/2" | Low voltage for telephone wire |
| D | 3/4" | High voltage for terminal and dispenser power |
| E | 1/2" | High voltage pump control wiring |
| F | 1/2" | High Voltage pump power |

Use stranded wire only

Each pump motor must be actuated through 30 amp relays. This applies to 120V and 240V motors.

If you deviate from these requirements, please call QT Petroleum on Demand at (303) 444-3590.

*The low voltage conductors maybe placed in the high voltage conduit as long as they are in a shielded cable.

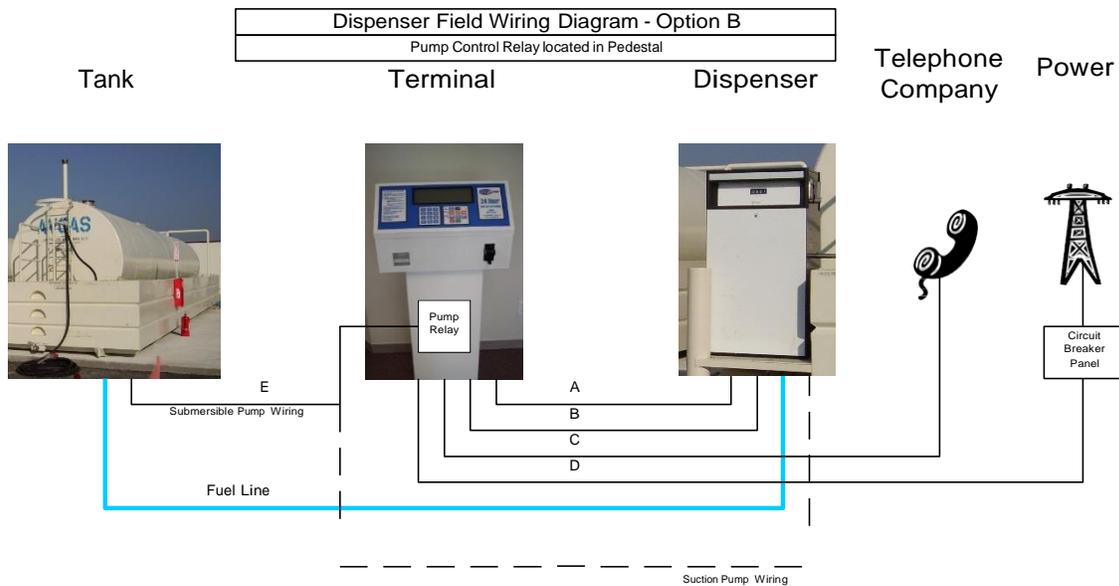
Figure 5—Dispenser Field Wiring—Option A

Wiring Requirements - Option B

An area of variation from site to site is the pump actuation circuitry. In general, it is necessary to wire the pump motor(s) through a relay so that the current draw required by the pump motor(s) does not pass through the DPI board (see Figure 8). The relay(s) can be located just about anywhere it is convenient (Electrical Service Panel or pedestal, for example) and the pump actuation wires can be routed directly to the pump or share conduit with the rest of the high voltage wires.

Typically, your conduit and wiring layout will look like either "Option A" or "Option B" depicted in (Figure 5 & 6). Use them as a starting point to map out your actual wiring requirements. Keep in mind, these are recommendations only. You are responsible for Electrical Code compliance. It is strongly recommended you consult and/or contract with a qualified electrician as you proceed with this work.

Note: When setting up electric hose reels, consider routing the hose reel circuit through the NC side of the pump relay so that while the pump is running, the hose reel is "dead" and thus presents no safety hazard.



NOTE: This diagram is for a single dispenser setup. For more than one dispenser, add additional B, C & E conduits for each additional dispenser.

IMPORTANT NOTES:

Stranded wire only

Each pump motor must be actuated through 30 amp relays. This applies to 120V and 240V motors.

If you deviate from these requirements, please call QT Petroleum on Demand at (303) 444-3590.

*The low voltage conductors (A) may be placed in the high voltage conduit (B) as long as they are in a shielded cable.

| Rigid Conduit | Size | Description of wires inside conduit |
|---------------|------|---------------------------------------------------|
| A | 1/2" | Low voltage for pulser wires* |
| B | 3/4" | High voltage for reset, clear, slow & fast valves |
| C | 1/2" | Low voltage for telephone wire |
| D | 3/4" | High voltage for terminal and dispenser power |
| E | 3/4" | High voltage pump control wiring |

Figure 6—Dispenser Field Wiring—Option B

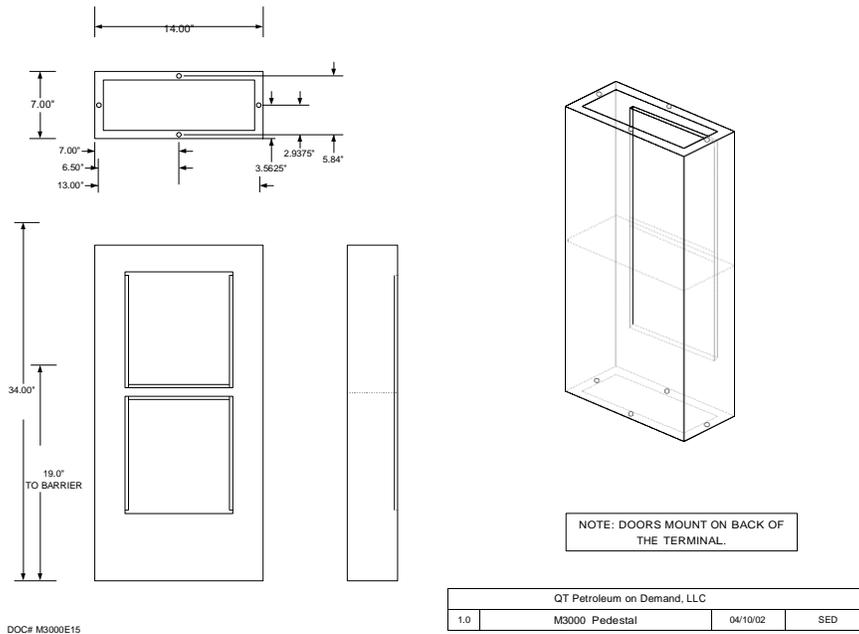


Figure 7—M3000 Pedestal Dimensions

Pedestal Installation

1. Using the terminal pedestal as a guide, mark the location of the pedestal mounting holes.
2. Install conduit "B" as required for each dispenser. Allow room for at least 6 conductors FROM each dispenser for control signals PLUS any conductors needed for accessories such as lighting or hose reel motors.
3. Install conduit "A" for the low voltage pulser and ground reel signal wires. Allow for 5 conductors from each dispenser (three for the pulser and two for the ground reel sensors). The ground reels (if this option has been specified) should be mounted as close to the dispensers as possible. The grounding reel sensor consists of a 1/2" diameter nipple mounted inside 1" threaded pipe which couples with rigid conduit (Figure 9).
4. Route a single pair telephone cable to the base of the pedestal. Direct burial cable is often the best choice. It may be strapped to the outside of the conduit.
5. The wiring guide calls for two legs of power (3 wires) from the breaker panel out to the pedestal.
6. At this point in the installation process you should be able to anchor the terminal pedestal using 3/8" anchors with either flat washers and nylon locking nuts or lock washers and standard hex nuts. It is recommended that stain- less steel be used for this purpose. If you have any questions please do not hesitate to call QT Petroleum on Demand for assistance.
7. Next, referring to the schematic in Figure 8 make all connections between the pedestal, dispensers and pump motors. Low voltage signals are terminated on the small connector to the right.
8. Once all wires are terminated to the DPI board, simply turn the AUTO/MANUAL toggle switch to MANUAL to pump in MANUAL mode. All that is needed is 120V power feeding the first terminal of the DPI board.

NOTES: (See Sample Wiring Schematic)

1. When using the Western Electronics model 500 pulser, be sure to connect the hot side of the pulser power (BLACK WIRE) to the Clear Signal (C1 or C2). This insures that the pulser will begin at exactly zero and not part way through the first pulse.
2. If a manual reset mechanism is employed, a reset mimic switch must be installed for each dispenser (See Figure 3). This switch must be housed in an explosion-proof cover and simply connects the R1/R2 terminal lug with the corresponding C1/C2 terminal lug. This is required so that customers can terminate a transaction once they are done fueling. In most cases, a customer depends on this switch since a typical sale involves overestimating the amount of fuel required.

IMPORTANT NOTE: ALL WIRING MUST BE DONE IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL CODES.

The information contained in this guide is provided solely for planning purposes and so that appropriate professional personnel can gain familiarity with QT Petroleum on Demand. QT Petroleum on Demand makes no guarantee or warranty that any of the recommendations or guidelines contained herein are accurate or correct regarding Fire and Electrical Codes. Compliance with local, state and federal codes are the responsibility of the owner/operator of the fuel delivery system.

Sample Wiring Schematic

This diagram illustrates how the QT Petroleum on Demand terminal strip should be terminated in order to run in manual mode (next page) in preparation for Terminal Head installation. Two popular types of pulsers are shown,

QT Petroleum on Demand LLC
M3000 Direct Wire - Sample Wiring Diagram

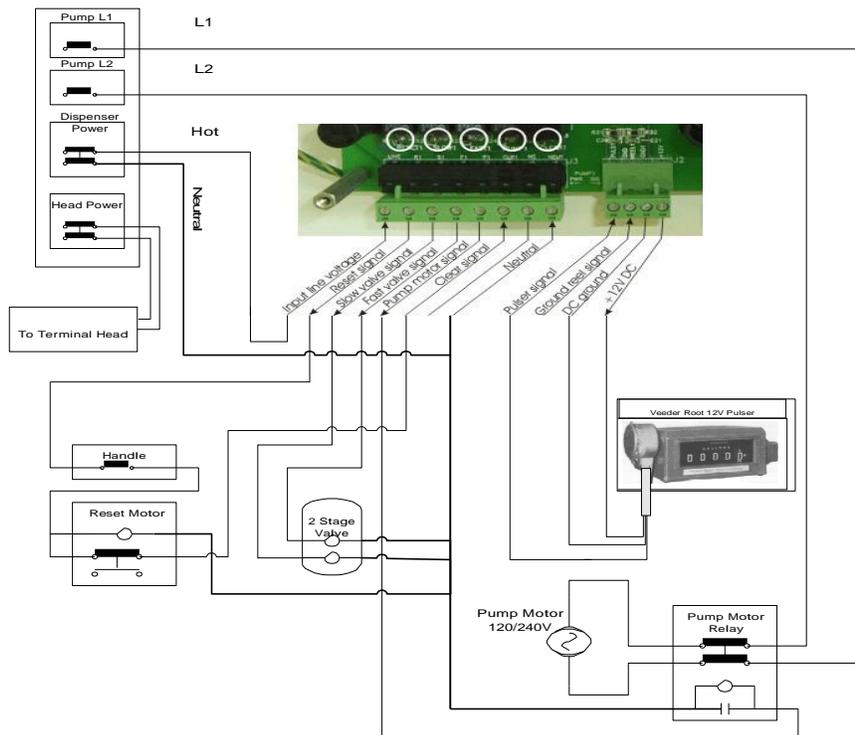


Figure 8—M3000 Direct Wire Sample Schematic

the "tuna can" (Veeder-Root - 12V) - the other is the "pipe bomb" (Western Electronics or OPW - 110V).

Manual Mode Operation

Once your QT Petroleum on Demand pedestal base has been mounted and the wiring conduits are stubbed up to the shelf, terminating the high voltage wires to the terminal strip is relatively easy. Simply terminate the appropriate wires to the proper terminal lug as depicted in Figure 8. Once terminated, a toggle switch on the Dispenser Pump Interface (DPI) board allows you to operate in manual mode.

Your pedestal has been shipped with a Plexiglas cover over the top to allow it to remain outdoors prior to terminal head commissioning. There is no reason to mount the head prior to commissioning and in fact there are good reasons not to. The first and foremost is that leaving the head out in inclement weather without power to it can allow condensation to form around components and possibly void the warranty. Always check with a QT Petroleum on Demand Field Engineer before doing anything with the head.

Grounding Reel Sensor Installation

For those customers who purchase the Level 2 grounding option, it is necessary to place a piece of 3/4" internally threaded conduit right up to the grounding reel so that the sensor (Shown in Figure 9) can detect the movement of several magnets cemented to the reel itself. The tip of the sensor needs to be positioned so that it is approximately 1/4" from the magnets as they rotate past. Examine the reel itself and note if it spins fairly true - if not, the reel's

Figure D

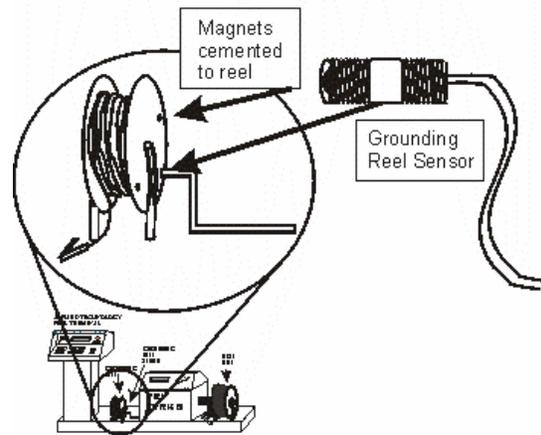


Figure 9—Ground Reel Sensor Installation

wobbly movement may damage the sensor. The two wires from the sensor connect back to the terminal strip on the small connector on the DPI board. The terminal code is then configured so that the transaction is only allowed to proceed if the grounding cable has been extended.

Site Preparation Checklist

On the following pages is our standard Site Preparation checklist for the M3000 Basic and M3000 Pro. The M3000 is almost identical in terms of Site Prep to the M3000 Pro except there are no PC requirements so the last page may be ignored.

It is required that the customer and/or the contractor doing the work signs off on each item as it is completed. Technical Support is always available to answer questions and clarify issues as they arise. Once the work has been completed, each item has been initialed and the completed checklist has been signed and faxed back to QT Petroleum on Demand which then coordinates travel to the customer's site to perform the system start-up. QT Petroleum on Demand does not book travel until the work has been completed and documented so as to avoid costly delays.



QT Petroleum on Demand M3000 SITE PREPARATION CHECKLIST

The terms of this site installation (as agreed) are for an authorized factory technician to be on site for start-up and training. The following items must be fully completed prior to our technician booking travel to site. Additional charges may be incurred if site preparation is not completed as stated. Please initial each item, and sign form and fax to QT Petroleum on Demand @ (303) 444-8736. An installation cannot be scheduled until this sheet is received, fully completed.

Terminal / Dispenser System Related Requirements

1. A low voltage conduit (or shielded cable in conduit B) going from each dispenser Junction Box to the terminal pedestal with at least five #16 AWG (See Figure 5 or 6 — Dispenser Field Wiring Diagram, conduit A). If LEVEL 2 grounding is desired, a conduit going from the low voltage J-Box to the ground reel with two # 16 AWG wires is needed. The wire size may have to be increased on long distances or runs.

Completed on ___/___/___ by _____

2. A high voltage conduit going from each dispenser J-Box to the terminal pedestal with at least six #14 AWG wires (See Figure 5 or 6 — Dispenser Field Wiring Diagram, conduit B). Other wires such as 220v pump, hose reels, etc., would need extra wires for their support needs. The wire size may need to be increased on long distances or runs.

Completed on ___/___/___ by _____

3. A low voltage conduit going from the terminal pedestal to the phone company connection with live dedicated* phone line. This conduit has at least 2 pair (4 wires) phone line. (See Figure 5 or 6 — Dispenser Field Wiring Diagram, conduit C)

*Note: This phone line must be dedicated - It CANNOT share the line/telephone number with other devices such as fax machines, telephones, and computer modems, etc. It can share the phone line with other credit card machines provided they do not answer the phone for any reason.

Terminal Phone # () _____ - _____

Completed on ___/___/___ by _____

4. All wiring to run the pump is completed (See Figure 5 or 6 — Dispenser Field Wiring Diagram, conduit E or F). One wire per pump control relay is required in conduit E if the relay(s) are located at or near the Breaker Panel.

Completed on ___/___/___ by _____



5. A high voltage conduit going from the terminal pedestal to the breaker box (See Figure 5 or 6 — Dispenser Field Wiring Diagram, conduit D). The conduit will contain a dedicated neutral & hot for the terminal computer and fuel dispensers (NOT Pump Motors). Electricians should determine the wire size. Include a ground wire of 10 AWG.

Note: this requirement is for terminal and dispenser power ONLY, accessories such as 220V pumps, hose reels, lighting, etc. need their own circuits.

Completed on __/__/__ by _____

6. The terminal pedestal has been mounted with all appropriate conduits stubbed up to the shelf (The access doors face to the rear). Check clearances for installation & maintenance access (see Figure 7).

Completed on __/__/__ by _____

7. Each dispenser has a 2-stage electric solenoid valve. This type of valve has a fast valve for full flow and a slow valve (2-3 GPM) for pre-set sale amounts. This item is NOT OPTIONAL. You must have this for the fuel terminal to function correctly. Call QT Petroleum on Demand if you need to order a 2-stage valve.

Completed on __/__/__ by _____

8. Each dispenser has a 100:1 pulser for gallon only meters or a 1 pulse per penny pulser for a dollar dispenser. (This is the minimum pulser resolution - 1000:1 for instance, is acceptable) 10:1 pulser WILL NOT WORK, since they have insufficient resolution and will fail weights & measures inspections.

Completed on __/__/__ by _____

9. Each dispenser has an electric reset or a way to mimic the electric reset. This is done through a lever- actuated switch in an explosion proof housing (See Figure 3).

Completed on __/__/__ by _____

10. Each tank has fuel in the tank for testing purposes. We will also need somewhere to pump the fuel within the reach of the hose. Usually back into the tank, a fuel truck, vehicle, boat or plane. It may require pumping 100 gallons or more for testing.

Completed on __/__/__ by _____

11. The system has been pressure tested for leaks all the way to the end of the hose.

Completed on __/__/__ by _____



The site preparation has been completed in compliance with the above checklist.

Signature Date

Name (Please Print)

Company Phone Number

Site Name: _____



Personal Computer (PC) Related Requirements (M3000 Pro)

The PC must consist of the following.

1. IBM compatible Pentium Class CPU
2. Windows 98/2000/NT/XP
3. 32 MB of RAM installed
4. Color Monitor
5. 100 megabytes free hard drive space.
6. Printer
7. CD ROM Drive
8. The PC to be used to run the Siteminder program and retrieve sales from the terminal must have an modem* with a live phone line hooked up.

Note: This phone line must have a phone number that is different than that of the terminal BUT it can be used by other devices (ex: fax).

PC Telephone # (____) _____-_____

Completed on ___/___/___ by _____

*Due to the increased market growth of computer products and differing standards of performance applied, not all modems are capable of communicating with the QT Petroleum on Demand terminal. A QT Petroleum on Demand technician will work on your modem/configuration for one hour if it does not readily communicate with the fuel terminal at the beginning of the PC setup. If they are unsuccessful, you have the following options listed below. We have very good luck with the US Robotics 56K external modem.

Option 1: The QT Petroleum on Demand technician will have a modem available for purchase.

Option 2: Any further time spent on modem configuration will be billed at \$70 hour plus expenses.

9. Internet Access for on-line support (optional).

Completed on ___/___/___ by _____



Appendix A - Serial Protocol Dispensers

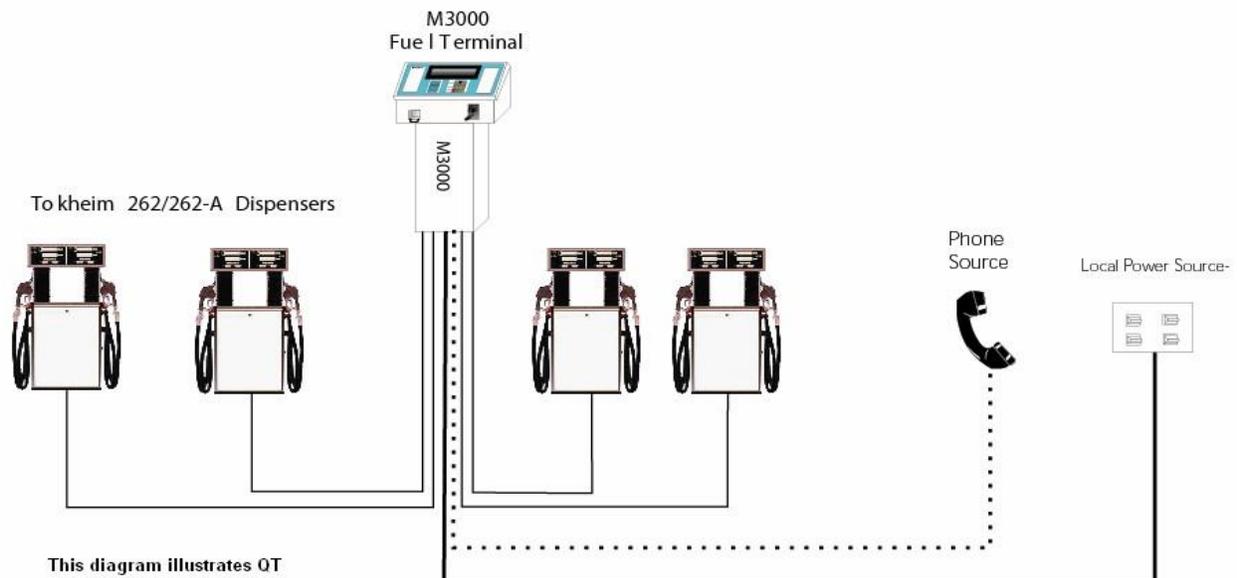
Serial protocol dispensers, unlike direct wire dispensers, send all data back and forth between dispenser and terminal via data cable. From a Site Preparation standpoint, running the wires are easy since all data communicates on either 2 or 4 wires depending on the protocol.

If the fueling system is to consist of only serial protocol dispensers, use the Site Prep Checklist on the following pages instead of the standard site prep checklist. However, if the system combines serial protocol dispensers and direct wire dispensers, use the general site prep checklist and item 1 from the site prep checklist for serial protocol dispensers.

Refer to the Field Wiring Diagram for Tokheim/Krause Serial Protocol Dispensers (below) as a guide for connecting the M3000 with these types of dispensers.

QT Technologies LLC

Field Wiring Diagram for Tokheim/Krause Serial Protocol Dispensers



This diagram illustrates QT Technologies power and data wire requirements

It is assumed that each Tokheim 262 and 262-A dispenser already has 110V power routed directly from the electrical service panel.

The M3000 Automated Fuel Terminal interfaces with the Tokheim 262 and 262-A through a data cable only. The Tokheim dispenser itself contains internal logic that directly controls the pump motor, valves, etc.

| | |
|--|------------------------------------------------|
| | Beldon 9931 24 AWG - 6 conductor Shielded Wire |
| | Three(3) x 12 AWG (Hot, Neutral, Ground) |
| | Telephone Pair (2 pair) |



QT Petroleum on Demand M3000 SITE PREPARATION CHECKLIST FOR SERIAL PROTOCOL DISPENSERS

The terms of this site installation (as agreed) are for an authorized factory technician to be on site for start-up and training. The following items must be fully completed prior to our technician booking travel to site. Additional charges may be incurred if site preparation not completed as stated. Please initial each item, and sign form and fax to QT Petroleum on Demand @ (303) 444-8736. An installation cannot be scheduled until this sheet is received, fully completed.

Terminal / Dispenser System Related Requirements

1. A low voltage conduit going from each dispenser Junction Box to the terminal pedestal with at least a six conductor shielded cable #20-24 AWG (See Field Wiring Diagram on the previous page). If LEVEL 2 grounding is desired, a conduit going from the low voltage J-Box to the ground reel with two # 16 AWG wires is needed. The wire size may have to be increased on long distances or runs.

Completed on ___/___/___ by _____

2. A low voltage conduit going from the terminal pedestal to the phone company connection with live dedicated* phone line. This conduit has at least 2 pair (4 wires) phone line. (See Field Wiring Diagram on the previous page) *Note: This phone line must be dedicated - It CAN NOT share the line/telephone number with other devices such as fax machines, telephones, computer modems, etc.

Terminal Phone # () _____-_____

Completed on ___/___/___ by _____

3. A high voltage conduit going from the terminal pedestal to the breaker box (See Field Wiring Diagram on the previous page). The conduit will contain a dedicated ground, neutral, hot for the terminal.

Completed on ___/___/___ by _____



- 4. The terminal pedestal has been mounted with all appropriate conduits stubbed up to the shelf. (The access doors face to the rear - check with QT Petroleum on Demand if you need to deviate from this)

Completed on ___/___/___ by _____

- 5. Each tank has fuel in the tank for testing purposes. We will also need somewhere to pump the fuel within the reach of the hose. Usually back into the tank, a fuel truck, boat, or a plane.

Completed on ___/___/___ by _____

- 6. The system has been pressure tested for leaks all the way to the end of the hose.

Completed on ___/___/___ by _____

- 7. The site preparation has been completed in compliance with the above checklist. Any deviations from these requirements have been discussed with, and approved by a QT Petroleum on Demand technician.

The site preparation has been completed in compliance with the above checklist.

Signature Date

Name (Please Print)

Company Phone Number

Site Name : _____