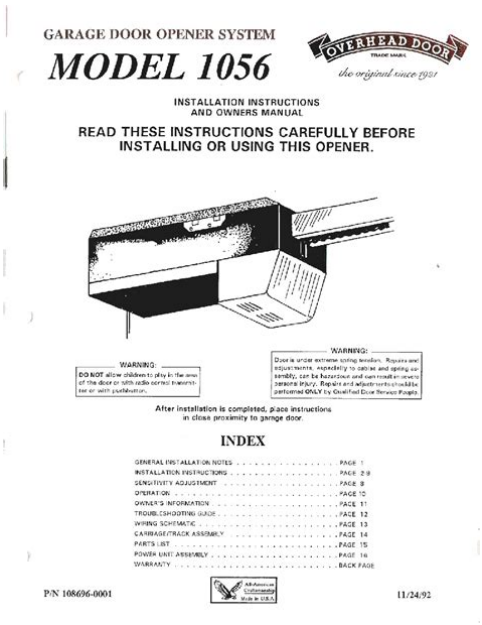
1056 manual


GARAGE DOOR OPENER SYSTEM

MODEL 1056

OVERHEAD DOOR

INSTALLATION INSTRUCTIONS AND OWNERS MANUAL

READ THESE INSTRUCTIONS CAREFULLY BEFORE INSTALLING OR USING THIS OPENER.

INDEX

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Book Descriptions:

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The outputs and alarms if an alarm board is present are assigned to default values. 13. T o change outputs, alarms, and other settings go to the main menu and choose Program. The check valve opens at 3 psig 122 kPa abs. The FCL is a complete system for the determination of free chlorine in aqueous samples. If it is damaged, contact the shipper immediately for instructions. The following tutorial describes how to move around in the programming menus. Move the cursor to Display and press ENTER. 2. The screen shows the present configuration. There are four items Main Format, Language, W arning, and Contrast. Move the cursor to Program and press ENTER. 2. The cursor will be on Output s. The relays are freely assignable to any sen sor and to either the measurement for example, chlorine or temperature. It appears only if you are using the FCL02. The cursor will be on Calibrate. Press ENTER. 4. Choose the sensor you wish to calibrate. Sensor 1 is the chlorine sensor. Usually, the two electrodes are combined into a single body, called a combination pH sensor. If you wish to change the stability criteria or the pH buf fer list from the default values, choose Setup instead and go to step 14. Press ENTER. 3. Choose the output you wish to calibrate. 4. The analyzer will simulate the low output current. Clean the analyzer case and front panel by wiping with a clean sof t cloth dampened with water ONL Y. Either the sensor board or the main board software is too old. Sensor current is a strong function of pH and temperature. During standardization, the millivolt signal from the pH cell is increased or decreased until the pH agrees with the pH reading from a referee instrument. T o simulate a pH measurement, connect a standard millivolt source to the analyzer. ONLINE ORDERING NOW A V AILABLE ON OUR WEB SITE.rosemount analytical.com Specifications subject to change without notice.http://mariondhuique-mayer.com/data/buy-manual-wheelchair-online.xml

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8 Emerson Process Management 2400 Barranca Parkway Irvine, CA 92606 USA T el 949 7578500 Fax 949 4747250. These instruments have been designed, and tested to meet many national and international standards. The main display appears. Follow the prompts. A menu tree is on the following two pages. If the check valve is removed, minimum pres sure is 1 psig 108 kp a abs. It consists of the sensors, analyzer, and constant head overflow device to control sample flow. All components are mounted on a backplate. Save the box. If there is no apparent damage, unp ack the container. Be sure all items shown on the p acking list are present. The power connector is at the top of the board. Figures 44 and 45 explain the operation of the keys. FIGURE 44. Analyzer keypad. Four navigation keys move the cursor around the screen. The position of the cursor is shown in reverse video. For practice, the tutorial also describes how to assign ppm chlorine values to the 4 and 20 mA analog outputs. Hold is also useful if calibration, for example, buffering a pH sensor, will cause an out of limits condition. T o make a change, move the cursor to the desired line and press ENTER. Move the cursor to Program and press ENTER. 2. The cursor will be on Output s. Press ENTER. 3. Choose Configure. 4. Choose Output 1 or Output 2. 5. The screen shows the present configuration. Press ENTER. 3. Choose Simulate. 4. Choose Output 1 or Output 2. 5. Enter the desired simulated output current. Move the cursor to Program and press ENTER. 2. Choose Alarms. 3. Choose Simulate. 4. Choose Alarm 1, Alarm 2, Alarm 3, or Alarm 4. 5. Choose Don’t simulate, Deenergize, or Energize. This step is necessary because the Model FCL ana lyzer can be used with other sensors to measure other chlorine oxidants. Move the cursor to Program and press ENTER. 2.

Choose Measurement. 3. The screen at left appears only if you have an FCL02. Move the cursor to Program and press ENTER.
2.http://advancedpropertymanagementinc.com/userfiles/buy-manual-typewriter-australia.xml

Scroll to the bottom of the screen and continuing scrolling until Diagnostic Setup is highlighted. Sensor 2 if present is the pH sensor. 4. Choose Free Chlorine. 5. Choose Zero Cal. The analyzer will automatically st art the zero calibration 6. If the zero calibration was successful, the screen at left appears. If continuous live pH correction is being used, calibrate the pH sensor section 6.4 and place it in the pH flow cell. When the sensor is placed in an aqueous solution, it produces a voltage proportional to pH. Sensor 2 is the pH sensor. 5. Choose pH. 6. Choose Buffer Cal 7. Choose Auto. 5. USER ENTERED SLOPE AND OFFSET. The default stability is defined as a less than 0.02 pH change in 10 seconds. The default buffer list is S tandard. Ideally, the buffer pH values should bracket the range of pH values to be measured. 2. Remove the sensor from the flow cell. Once the reading is st able, enter the pH value of the buffer at the buffer temperature and press ENTER. 1 1. The display returns to the screen shown in step 8. Choose Buffer 2. Remove the sensor from the first buffer. The process of making the two readings agree is called st andardization. 2. Place the sensor in the flow cell. Do not use solvents, like alcohol, that might cause a buildup of st atic charge. Generally, the sensor needs mainte nance when the response becomes sluggish or noisy or when readings drift following calibration. Deposits increase the resist ance to flow and cause the flow to gradually decrease. Replace the main board with one compatible with the sensor board. Call the factory for assist ance. Sensor current also decreases as pH increases. Is the grab sample representative of the sample flowing to the sensor 2. Is sample flowing past the sensor. A unit change in pH requires an offset of about 59 mV. Field sales personnel will work closely with you to supply technical dat a and application information. Using Quick Start is easy. a. A backlit field shows the position of the cursor. b.

To move the cursor left or right, use the keys to the left or right of the ENTER key. To scroll up or down or to increase Enter the S1 Manual pH pH of the process liquid. 0 7.00 11. Choose the desired temperature units. Temp Units o C o F 12. The outputs and alarms if an alarm board is present are assigned to default values. 13. To change outputs, alarms, and other settings go to the main menu and Sample requirements Electrolyte volume 25 mL approx. Pressure 3 to 65 psig 122 to 549 kPa abs Electrolyte life 3 months approx.; for best results A check valve in the inlet prevents the sensor replace electrolyte monthly.The check valve opens at 3 psig 122 kPa abs. If the check valve is remoThe FCL is a complete system for the determination of free chlorine in aqueous samples. Model option 02 includes a pH sensor for continuous, auto matic pH correction. Three replacement membranes and a 4oz.If it is damaged, contact the shipper immediately for instructions. Save the box. If there is no apparent damage, unpack the container. Be sure all items shown on the packing list are present. If items are missing, notify Rosemount Analytical immediately. 2.1.1 FCL01 free chlorine without continuous pH correction Model FCL01 consists of the following items mounted CAUTION The FCL free chlorine system is NOT suitable for use in hazardous areas. 2. To keep the analyzer enclosure watertight, install See Figure 32. Keep alarm relay wiring separate fro. PN 51FCL1056 rev.E. March 2012. FCL with 1056 AnalyzerManualCalibrateProgramThis manual contains instructions for installation and operation of the Model FCL1056. The following list provides. Page 8 MODEL FCL1056 TABLE OF CONTENTSPage 11 Wiring Diagram for 3900VP10 pH Sensor blue cable Model FCL1056 SECTION 1.0Sample requirementsPage 13 Arrow Bar MODEL FCL1056 SECTION 1.0The FCL is a complete. Page 14 Navigation Keys MODEL FCL1056 SECTION 1.0If it is damaged,. Page 16 Security MODEL FCL1056 SECTION 2.

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0Page 17 Using Hold MODEL FCL1056 SECTION 2.0Page 22 Configuring, Ranging and Simulating Outputs MODEL FCL1056 SECTION 3.0Page 24 MODEL FCL1056 SECTION 4.0To prevent

unwanted alarms and improper operation of. Page 28 MODEL FCL1056 SECTION 4.0Page 29 MODEL FCL1056 SECTION 5.0Page 30 Configuring the Measurement MODEL FCL1056 SECTION 5.0Page 32 Configuring Temperature Related Settings MODEL FCL1056 SECTION 5.0This section describes how to. Page 33 Configuring Security Settings MODEL FCL1056 SECTION 5.0Page 34 Setting up Diagnostics MODEL FCL1056 SECTION 5.0Page 35 Procedure Setting Up Diagnostics MODEL FCL1056 SECTION 5.0Page 36 Resetting the Analyzer MODEL FCL1056 SECTION 5.0Page 39 Sensor Current as a Function of Free Chlorine Concentration MODEL FCL1056 SECTION 5.0Page 40 MODEL FCL1056 SECTION 5.0This section describes how to do the. Page 41 MODEL FCL1056 SECTION 5.0Page 43 MODEL FCL1056 SECTION 5.0Page 45 MODEL FCL1056 SECTION 5.0Page 46 MODEL FCL1056 SECTION 5.0This section describes how to clear userentered. Page 47 MODEL FCL1056 SECTION 6.0Page 48 MODEL FCL1056 SECTION 6.0Place it in an insulated. Page 49 Calibration Analog Outputs MODEL FCL1056 SECTION 6.0As Figure 61 shows, a free chlorine sensor. Page 50 MODEL FCL1056 SECTION 6.0Sensor 1 is the chlorine sensor. Page 51 DIGITAL COMMUNICATIONS MODEL FCL1056 SECTION 6.0A pH sensor consists of a glass and reference. Page 53 Analyzer MODEL FCL1056 SECTION 6.0Page 54 Chlorine Sensor MODEL FCL1056 SECTION 6.0Start AutoCalIdeally, the buffer pH values should bracket. Page 56 Constant Head Flow Controller MODEL FCL1056 SECTION 6.0Page 57 Replacement Parts for the Flow Controller Assembly used in Model FCL01 MODEL FCL1056 SECTION 6.0Page 58 Replacement Parts for the Flow Controller Assembly used in Model FCL02 MODEL FCL1056 SECTION 6.0Page 59 Using the Diagnostic Feature MODEL FCL1056 SECTION 6.0Although the analyzer analog outputs are calibrated at.

Page 60 Troubleshooting When a Fault Message is Showing MODEL FCL1056 SECTION 6.0Page 64 Troubleshooting When No Error Message is Showing Chlorine MODEL FCL1056 SECTION 8.0When used in clean water, the chlorine sensor requires little. Page 65 MODEL FCL1056 SECTION 8.0TABLE 81. Spare PartsAfter a period of time, deposits may accumulate. Page 67 Calibration Error During TwoPoint Calibration MODEL FCL1056 SECTION 8.0Page 68 MODEL FCL1056 SECTION 8.0Page 69 MODEL FCL1056 SECTION 9.0This error message means that the sensor board software is not supported. Page 72 Simulating RTD Inputs MODEL FCL1056 SECTION 9.0Both the chlorine and pH sensor contain a Pt. Page 73 MODEL FCL1056 SECTION 9.0The sensor RTD is most likely miswired.During standardization, the millivolt signal from the pH cell is. Page 79 MODEL FCL1056 SECTION 9.0This section describes how to simulate a pH. Page 82 MODEL FCL1056 SECTION 9.0The analyzer accepts a Pt100 RTD for pH. Page 83 NOTESImmediate, Reliable Analytical Support. Now there’s a way to quickly get the. Page 85 WARRANTY. Seller warrants that the firmware will execute the programming instructions provided by Seller, and that the Goods manufactured. Microsoft Wireless Mouse ProductsX1127312cvr.indd 1When using a computer, as with many activities, you may experience occasional discomfort inHowever, if you experiencePROMPTLY SEE A QUALIFIED HEALTH PROFESSIONAL, even if symptoms occur when you areSymptoms like these can be associated with painful andWhile researchers are not yet able to answer many questions about MSDs, there is generalSome guidelines that may help you work more comfortably with your computer and possiblyIf this device did not come with software, see the “Healthy. Computing Guide” section of the “Getting Started” manual. You can also access the “HealthyIf you have questions about how your own lifestyle, activities, or medical or physical conditionCo. About Your Rights and Obligations.

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By using IntelliPoint software, you can reassign any button, including the wheelYou can also change your mouse settings, suchTo start IntelliPoint softwareX1127312bdy.indd 6The wireless mouse can transmit radio frequencyUsing the Magnier some mouse models only. You can use the Magnier like a magnifying glass to enlarge text and imagesTo turn the Magnier on and offStoring the Receiver in the MouseFor added portability or when the mouse isn't in use, youX1127312bdy.indd 7USB provides simpler plugandplay connectivity and enhanced performance. If you don't have any available USB ports, try the following options. USB hub. If all of your USB ports are in use, consider purchasing a 4port or 8port. USB hub. USB hubs, which are available at ofce and computer supply stores,Although we recommend connecting usingProduct Information and Software Updates. For general product information and software updates, go to the. Microsoft Hardware Web site atIf you have a question about your wireless mouse, try the following optionsPatent Information. For patent information, see onscreen Help. X1127312bdy.indd 9Caution Use and replace only with AA LR6 Alkaline, ZincCarbon, or ZincChloride. Batteries. General PrecautionsBefore inserting new batteries, thoroughly clean the battery compartment with a dampSpecial Precautions. The precautions below are to prevent the sudden release of electrolytes, which theseReleased battery electrolyte is corrosive, can cause damage to the eyes and skin, and mayTested to comply with FCC U.S. Federal Communications Commission Standards. For homeNo serviceable parts included. Note For detailed information on U.S. and Canadian radio interference regulations, searchThis Class B digital apparatus complies with Part 15 of the U.S. Federal Communications. Commission FCC rules, Canadian ICES003 and RSS310. Operation is subject to theCet appareil numerique de la classe B est conforme aux normes NMB003 et CNR310 du. Canada.

Son fonctionnement est assujetti aux deux conditions suivantes 1 Cet appareilMicrosoft Corporation; One Microsoft Way; Redmond, WA 980526399; U.S.A. United States 800 4269400 Canada 800 9334750. RF Technical Specications. RF output power PDF Version 1.4. Linearized No. Encryption Standard V1.2 40bit. User Access Print, Copy, Fill forms, Extract, Assemble, Print highres. Create Date 20040421 091514Z. Trapped False. Creator Adobe InDesign CS 3.0.1. Producer Adobe PDF Library 6.0. Page Count 15. About uuid8e48aa4c983b4550b98de1110ae41c44. Creation Date 20040421 091514Z. Creator Tool Adobe InDesign CS 3.0.1. Version ID 1. Rendition Class proofpdf. Document ID adobedocidindda8c102b893a511d8b672c14379b2acdb. Title X1127312cvr.indd. I choose a mirror frame but you can also use the same techniques for creating a picture frame. Enjoy the videos and music you love, upload original content, and share it all with friends, family, and the

world on YouTube. Pinterest Explore Log in Sign up Privacy. Your purchase from Rosemount, Inc.These instruments have been designed, and tested to meet many national and international standards. Experience indicates that its performance is directly related to the quality of the installation and knowledge of the user in operating and maintaining the instrument. To ensure their continued operation to the design specifications, personnel should read this manual thoroughly before proceeding with installation, commissioning, operation, and maintenance of this instrument. If this equipment is used in a manner not specified by the manufacturer, the protection provided by it against hazards may be impaired. Failure to follow the proper instructions may cause any one of the following situations to occur Loss of life; personal injury; property damage; damage to this instrument; and warranty invalidation. Ensure that you have received the correct model and options from your purchase order. Verify that this manual covers your model and options.

If not, call or to request correct manual. For clarification of instructions, contact your Rosemount representative. Follow all warnings, cautions, and instructions marked on and supplied with the product. Use only qualified personnel to install, operate, update, program and maintain the product. Educate your personnel in the proper installation, operation, and maintenance of the product. Install equipment as specified in the Installation section of this manual. Follow appropriate local and national codes. Only connect the product to electrical and pressure sources specified in this manual. Use only factory documented components for repair. Tampering or unauthorized substitution of parts and procedures can affect the performance and cause unsafe operation of your process. All equipment doors must be closed and protective covers must be in place unless qualified personnel are performing maintenance. WARNING RISK OF ELECTRICAL SHOCK Equipment protected throughout by double insulation. Installation of cable connections and servicing of this product require access to shock hazard voltage levels. Main power and relay contacts wired to separate power source must be disconnected before servicing. Do not operate or energize instrument with case open. Signal wiring connected in this box must be rated at least 240 V. Nonmetallic cable strain reliefs do not provide grounding between conduit connections. Use grounding type bushings and jumper wires. Unused cable conduit entries must be securely sealed by nonflammable closures to provide enclosure integrity in compliance with personal safety and environmental protection requirements. Unused conduit openings must be sealed with NEMA 4X or IP65 conduit plugs to maintain the ingress protection rating NEMA 4X. Operate only with front and rear panels fastened and in place over terminal area. Safety and performance require that this instrument be connected and properly grounded through a threewire power source.

Proper relay use and configuration is the responsibility of the user. CAUTION This product generates, uses, and can radiate radio frequency energy and thus can cause radio communication interference. Improper installation, or operation, may increase such interference. As temporarily permitted by regulation, this unit has not been tested for compliance within the limits of Class A computing devices, pursuant to Subpart J of Part 15, of FCC Rules, which are designed to provide reasonable protection against such interference. Operation of this equipment in a residential area may cause interference, in which case the user at his own expense, will be required to take whatever measures may be required to correct the interference. WARNING This product is not intended for use in the light industrial, residential or commercial environments per the instrument s certification to EN 3 QUICK START GUIDE FOR FCL TRANSMITTER 1. Refer to Section 2.0 for installation instructions and Section 3.0 for wiring instructions. 2. Once connections are secured and verified, apply power to the transmitter. 3. When the transmitter is powered up for the first time, Quick Start screens appear. To scroll up or down or to increase or decrease the value of a digit, use the keys above and below the ENTER key. Use the left and right keys to move the decimal point. c. Press ENTER to store a setting. Press EXIT to leave without storing changes. Pressing EXIT also returns the display to the initial Quick Start screen. d. A vertical black bar with a downward pointing arrow on the right side of the screen means there are more items to display. Continue scrolling down to

display all the items. When you reach the bottom of the list, the arrow will point up. Language English Francais Espanol Deutsch 4. Choose the desired language. Scroll down to display more choices. S1 Measurement Free Chlorine ph Independ. Free Cl Total Chlorine Monochloramine 5. Choose free chlorine for sensor 1 S1.

S2 Measurement ph ORP Redox Ammonia 7. The screens shown in steps 7 through 9 appear only if you have an FCL02. If you have an FCL01, go to step 10. Otherwise, choose ph for sensor 2 S2. Go to step 11. S1 Manual ph The screen shown at left appears only if you have an FCL01. Enter the ph of the process liquid.Choose the desired temperature units. 12. The main display appears. The outputs and alarms if an alarm board is present are assigned to default values. 13. To change outputs, alarms, and other settings go to the main menu and choose Program. The manual has been reformatted to reflect the Emerson documentation style and updated to reflect any changes in the product offering. Replaced Rosemount Analytical with Rosemount. Replaced Emerson Process Management with Emerson. Unlike free chlorine transmitters from other manufacturers, the FCL does not use expensive sample conditioning systems or messy reagents to control ph. Instead, the transmitter automatically compensates for changes in the ph of the sample. The FCL is not intended for the determi nation of total chlorine or combined chlorine like monochloramine. Nor, can the FCL be used for the determination of chlorine in seawater. 1.2 FEATURES The FCL uses a membranecovered amperometric sensor. A polarizing voltage applied to a platinum cathode behind the membrane reduces the chlorine diffusing through the membrane and keeps the concentration of chlorine in the sensor equal to zero. The current generated by the cathode reaction is proportional to the rate of diffusion of chlorine through the membrane. Because the concentration of chlorine in the sensor is zero, the diffusion rate and the current are proportional to the concentration of chlorine in the sample. All amperometric free chlorine sensors respond to changes in ph. Although free chlorine is a mixture of hypochlorous acid and hypochlorite ion, hypochlorous acid alone is responsible for the sensor current.

Because the relative amounts of hypochlorous acid and hypochlorite ion depend on ph, a ph change will cause the current and the apparent free chlorine concentration to change, even though the true concentration remained constant. Most manufacturers solve the phdependence problem by treating the sample with acid, which lowers the ph and converts hypochlorite ion into hypochlorous acid. The Model FCL avoids the expense and inconvenience of sample conditioning by measuring the ph and applying a correction to the raw chlorine sensor signal. The correction is valid between ph 6.0 and 9.5. For samples having ph between 9.5 and 10.0, consult the factory. The Model FCL is available in two options Model FCL01 with manual ph correction and Model FCL02 with continuous ph correction. Choose the FCL01 if the ph varies less than 0.2 or if ph changes are predictable or seasonal. Choose the FCL02 if the ph varies more than 0.2. To provide the continuous ph correction, the Model FCL02 requires a separate ph sensor. Maintenance is fast and easy. Replacing a membrane requires no special tools or fixtures. A screw cap holds the pretensioned membrane in place. Replacing the electrolyte solution takes only minutes. The FCL includes the easytouse Model 1056 analyzer. The transmitter features two fully programmable 420 ma outputs and four fully programmable relays. The backlit, four line display allows the user to read sam ple ph and chlorine concentration at a glance. Valves, rotameters, and pressure regulators to control sample flow are things of the past with the Model FCL. A constant head overflow sampler ensures the correct sample flow to each sensor. To eliminate wiring hassles, quickdisconnect Variopol cable is standard. Stable free chlorine standards do not exist. The chlorine sensor must be calibrated using the results of a laboratory test run on a grab sample. 1 12 MODEL FCL1056 SECTION 1.0 DESCRIPTION AND SPECIFICATIONS 1.

3 SPECIFICATIONS GENERAL Sample requirements Pressure 3 to 65 psig 122 to 549 kpa abs A check valve in the inlet prevents the sensor flow cells from going dry if sample flow is lost. The

check valve opens at 3 psig 122 kpa abs. If the check valve is removed, minimum pressure is 1 psig 108 kpa abs. Sample must drain to open atmosphere Wetted parts Overflow sampler and flow cell acrylic, polycarbonate, Kynar 1, nylon, silicone Chlorine sensor Noryl 2, Viton 3, wood, silicone, polyethersulfone, polyester, and platinum ph sensor 3900VP Stainless steel, glass, Teflon 4, polyphenylene sulfide, EPDM, and silicone Response time to step change in chlorine concentration 13 MODEL FCL1056 SECTION 1.0 DESCRIPTION AND SPECIFICATIONS 1.6 ORDERING INFORMATION FCL Free Chlorine Measuring System. It consists of the sensors, transmitter, and constant head overflow device to control sample flow. Model option 02 includes a ph sensor for continuous, automatic ph correction. If items are missing, notify Rosemount immediately FCL01 free chlorine without continuous ph correction Model FCL01 consists of the following items mounted on a back plate. 1. Model AN transmitter with sensor cable attached. 2. Constant head overflow sampler with flow cell for chlorine sensor. The free chlorine sensor Model 499ACL VP, three membrane assemblies, and a bottle of electrolyte solution are in a separate package FCL02 free chlorine with continuous ph correction Model FCL02 consists of the following items mounted on a back plate. 1. Model AN transmitter with sensor cables attached. 2. Constant head overflow sampler with flow cells for ph and chlorine sensors. 3. Stand to hold ph buffer solution during calibration. The free chlorine sensor Model 499ACL VP, shipped with three membrane assemblies and a bottle of electrolyte solution, and the Model 3900VP ph sensor, which replaces the older Model 399VP09 sensor, are in separate packages. 5 16 MODEL FCL1056 SECTION 2.0 INSTALLATION 2.

2 INSTALLATION General Information 1. Although the system is suitable for outdoor use, do not install it in direct sunlight or in areas of extreme temperature. Refer to Figure 21 or 22 for details. The sensors screw into the flow cell adapters as shown in the figures. If desired, the compression fitting can be removed and replaced with a barbed fitting. The check valve prevents the sensor flow cells from going dry if sample flow is lost. Attach a piece of soft tubing to the fitting and allow the waste to drain open atmosphere. Do not restrict the drain line. Adjust the sample flow until the water level is even with the central overflow tube and excess water is flowing down the tube Electrical Connections Refer to Section 3.1 for details Installing the Sensors The FCL is provided with sensor cables prewired to the transmitter. Connect the chlorine sensor Model 499ACL VP to the cable labeled CL. Connect the ph sensor Model 3900VP or older Model 399VP09 to the cable labeled ph. The terminal end of the sensor is keyed to ensure proper mating with the cable receptacle. Once the key has slid into the mating slot, tighten the connection by turning the knurled ring clockwise. The sensors screw into the plastic fittings, which are held in the flow cells by the union nut. Wire AC mains power to the power supply board, which is mounted vertically on the left hand side of the analyzer enclosure. Unplug the connector from the board and wire the power cable to it. Lead connections are marked on the connector. L is live or hot; N is neutral, the ground connection has the standard symbol. AC power wiring should be 14 gauge or greater. Run the power wiring through the conduit opening nearest the power terminal. Provide a switch or breaker to disconnect the transmitter from the main power supply.