FORCE FLOW

SOLO G2® INDICATOR

INSTALLATION & OPERATION MANUAL

WARNING!

REVIEW THIS ENTIRE MANUAL BEFORE INSTALLING THIS PRODUCT!

2430 Stanwell Dr, Concord, CA 94520 USA
1-800-893-6723 Fax: 925-686-6713
www.forceflow.com / Info@forceflow.com

SOLO G2® INDICATOR

INSTALLATION & OPERATION MANUAL

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SOFTWARE VERSION PR413

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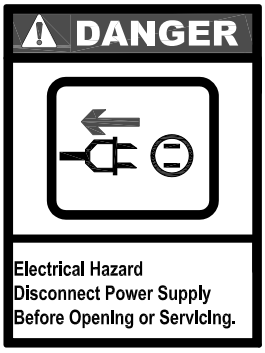
SINGLE CHANNEL ONLY SOLO G2 INDICATOR INSTALLATION & WIRING

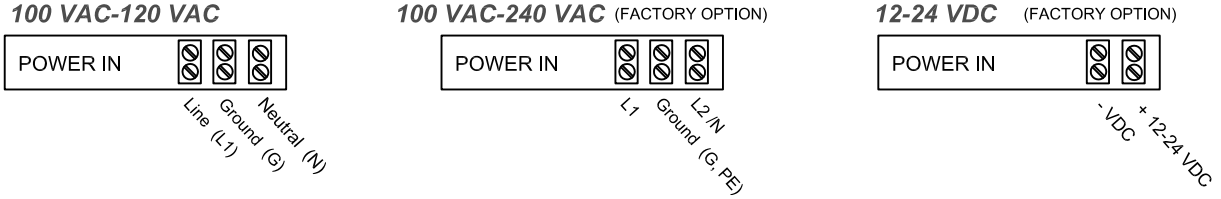
- ALWAYS SHUT OFF MAIN POWER, BEFORE OPENING FRONT OF CASE !! ALWAYS FOLLOW LOCK OUT TAG OUT PROCEDURES !!
- INDICATOR IS NOT APPROVED FOR USE IN HAZARDOUS LOCATIONS. IF YOUR INSTALLATION CONSTITUTES AN EXPLOSIVE OR COMBUSTIBLE ENVIRONMENT, CONSULT FACTORY AND SEE PRECAUTIONS ON PAGE 12.
- LOAD CELL CONNECTORS HAVE SCREW-TYPE TERMINALS TO ASSIST IN CONNECTING WIRES. REMOVE THE CONNECTOR FROM THE BOARD BEFORE ATTACHING WIRES.

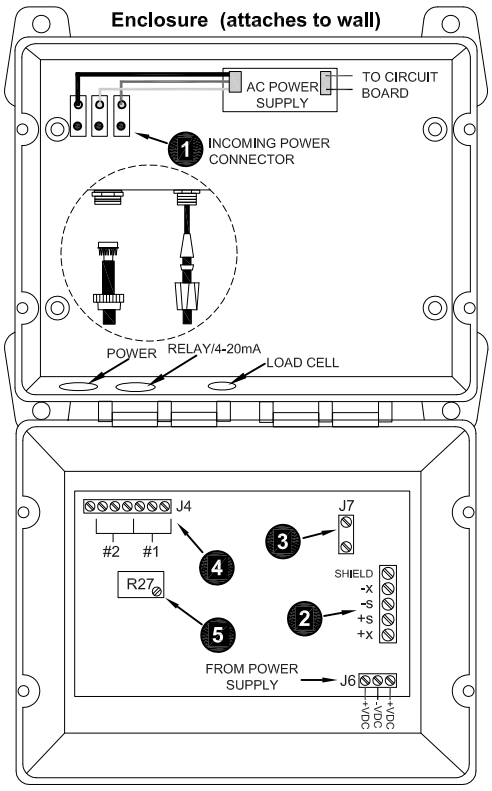


NOTE: Number in black circles refer to corresponding numbers on drawing below.

1 POWER HOOK-UP

TURN OFF MAIN POWER BEFORE CONNECTING !! Use a dedicated, surge protected circuit. DO NOT connect any other inductive loads, relays, etc. to this power line ! Resulting power surges can damage the electronics !!! Use far left bottom port and connect per following: (NOTE: Use 1/2" conduit connector).



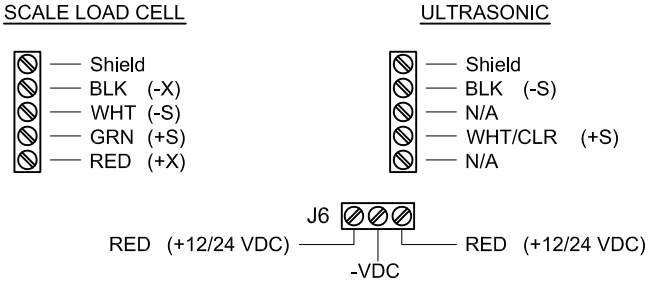


Enclosure cover swings down
NOTE: Single Channel SOLO G2

2 LOAD CELL/SENSOR

SHARING CONDUIT
Load cell and sensor cable may share conduit. DO NOT share conduit with any other wires or cables.

TRIMMING/EXTENDING CABLE
Field calibration may be required for best accuracy after trimming excess load cell cable. For additional cable length, contact factory.

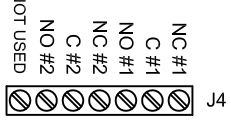


3 4-20mA SIGNAL (J7)

DO NOT USE EXTERNAL LOOP POWER !!
Output is internally powered.
Max loop resistance: 900 Ohms.

4 SET POINT/ALARM RELAYS (OPTIONAL)

Up to four (4) optional relays are available. FORM C, Dry Contact, 2A @ 30 VDC, 0.5A @ 120 VAC. See page 2 for Relay 3 & 4 location and wiring.



5 DISPLAY VIEW ANGLE ADJUSTMENTS

When indicator cannot be mounted at eye level, adjust display sharpness using the 30-turn, no stop potentiometer R27.

Potentiometer (blue) located near middle of motherboard

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DUAL CHANNEL ONLY SOLO G2 INDICATOR INSTALLATION & WIRING

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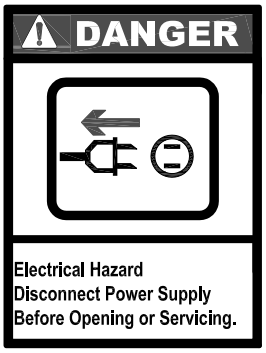

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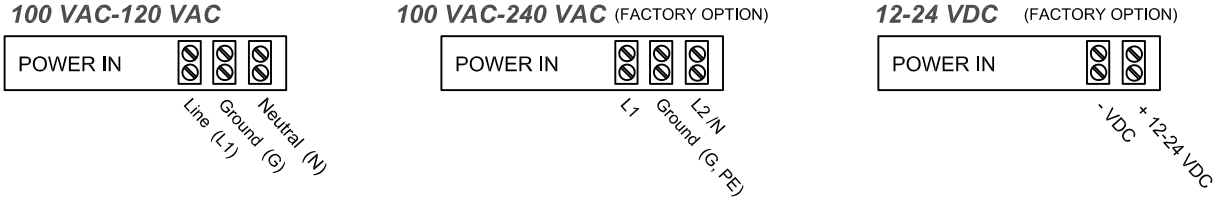
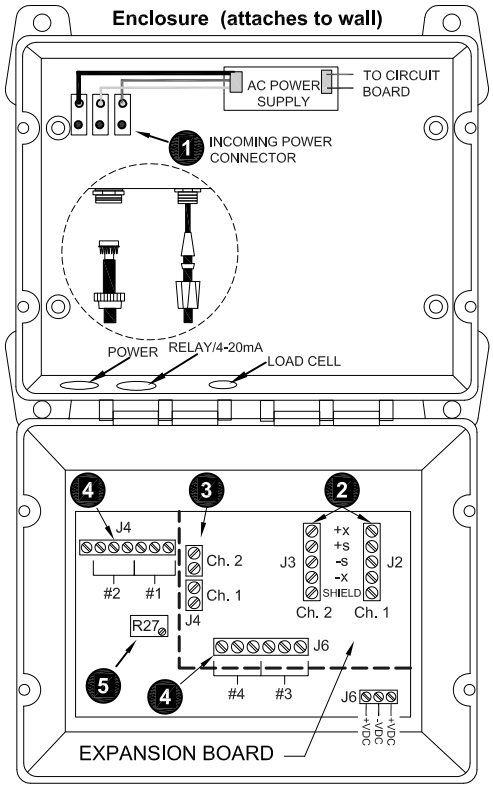


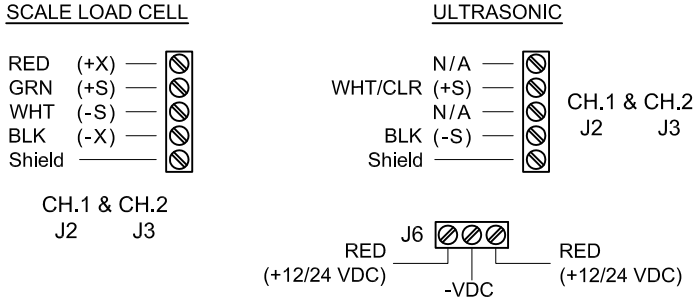


Enclosure cover swings down
NOTE: Dual Channel SOLO G2

2 LOAD CELL/SENSOR

SHARING CONDUIT
Load cell and sensor cable may share conduit. DO NOT share conduit with any other wires or cables.

TRIMMING/EXTENDING CABLE
Field calibration may be required for best accuracy after trimming excess load cell cable. For additional cable length, contact factory.



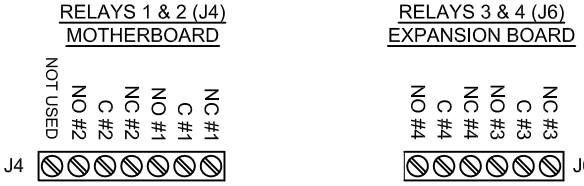
3 4-20mA OUTPUTS

DO NOT USE EXTERNAL LOOP POWER !!
Output is internally powered.
Max loop resistance: 900 Ohms.

J4 ON EXPANSION BOARD

4 SET POINT/ALARM RELAYS (OPTIONAL)

Up to four (4) optional relays are available. FORM C, Dry Contact, 2A @ 30 VDC, 0.5A @ 120 VAC.



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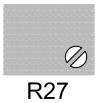

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SOLO G2
INSTALLATION CHECKLIST

CAUTION: STATIC ELECTRICITY PROTECTION

CAUTION should be observed whenever enclosure is open to avoid damage by static electricity. DO NOT touch any of the circuit board, other than the intended contacts noted in these instructions. Carpets, especially, can build up static electricity.

CAUTION: LIGHTNING - SURGE PROTECTION

Be sure that all power coming into the facility is sufficiently protected from transient lightning strikes and power surges. Improper protection may void your warranty.

☐ **1. MOUNT INDICATOR**

- **Mount at eye level if possible.**
- **DO NOT mount indicator in direct sunlight to avoid long term UV damage to keypad.**

☐ **2. WIRE INDICATOR - TURN OFF ALL POWER BEFORE WIRING !**

- **ALWAYS follow standard "LOCK-OUT", "TAG-OUT" procedures.**
- **Connect dedicated, clean, surge protected power circuit through 1/2" conduit connector.**
- **Connect load cell cable or sensor cable through 1/4" cord connector. (pre-wired at factory)**
- **Connect 4-20mA outputs.**
- **Connect optional relays.**
- **Power up indicator.**
- **Adjust display view angle if indicator is not mounted at eye level.**

☐ **3. SEAL INDICATOR ENCLOSURE TO MAINTAIN 4X RATING !!!**

- **Tighten all four (4) door screws to maintain NEMA 4X seal on box.**
- **Check all cord connectors for tight seal.**
- **Check all 1/2" conduit connectors for tight seal.**

☐ **4. FORMAT INDICATOR**

- **Check all current settings in USER menus. Make changes as needed for your specific application.**

☐ **5. SET SCALE ZERO (MENU ITEM 2, "SET ZERO")**

☐ **6. REVIEW MENU ITEM 8, "DIAGNOSTICS"**

- **Go to VIEW/SET FACTORS and write the new ZERO COUNTS number in space provided on label located on inside of enclosure door for future reference.**

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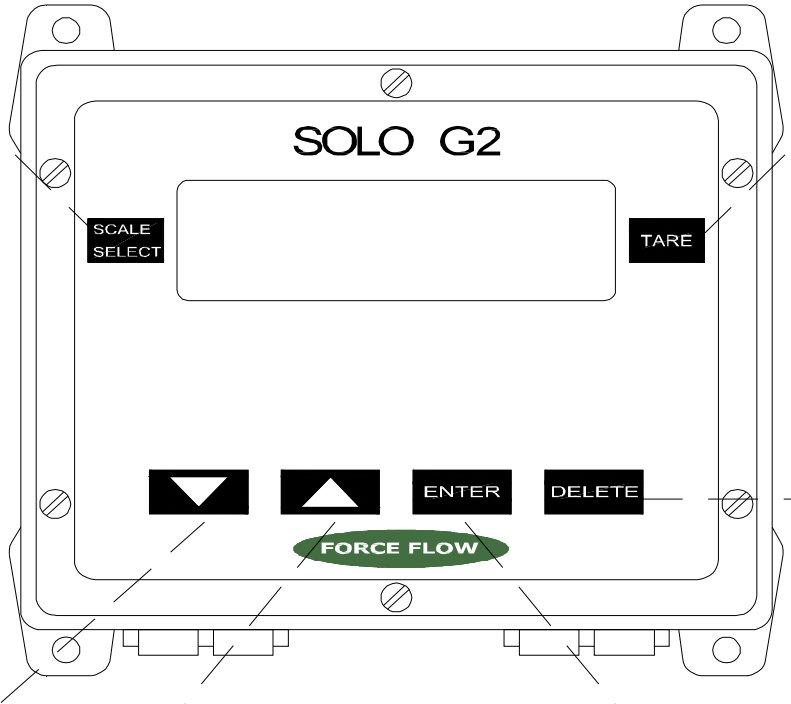
OPERATING INSTRUCTIONS



SCALE SELECT

Press to select between channel 1 and 2. (only for dual channel indicator using single display format)

NOTE:
After 2 minutes in menu mode with no key press, display defaults to NET mode.

TARE

Press to enter:
- Tare weight
- Net chemical weight

DELETE

Press to escape to NET mode from any menu screen.

ENTER

Press ENTER to:
- Access menu item
- Accept changes
- Advance to next screen

Use ARROW keys to:
- Enter menu
- Move asterisk
- Adjust numerical values

NOTE: While pressing arrow key, momentarily press other arrow key to increase scroll speed. Repeat to increase further.

TARE

Press TARE key to set tare weight of tank or net contents.
(Does not apply to ultrasonic systems)

Step 1

SELECT CHANNEL ↓↑
NUMBER 1

(Step 1 not used on single channel indicator). Use ▼▲ keys to toggle to desired channel.
Press ENTER to advance to Step 2.

Step 2

SELECT MODE
*NET TARE

Use ▼▲ keys to select. NET allows you to scroll in the amount of chemical on your scale. TARE allows you to scroll in the tare weight of your container.
Press ENTER to advance to Step 3 or Step 4.

If NET chosen:

Step 3

#1 CHEMICAL
NET = 200.0

Use ▼▲ keys to scroll in NET amount.
(#1 indicates channel selected).
Press ENTER to store changes.
(To speed up the scroll, simultaneously tap the other arrow key.)

If TARE chosen:

Step 4

#1 CHEMICAL
TARE = 200.0

Use ▼▲ keys to scroll in TARE weight.
(#1 indicates channel selected).
Press ENTER to store changes.
(To speed up the scroll, simultaneously tap the other arrow key.)

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SOLO G2 INDICATOR

USER MENU
(Press ▼▲ to enter Menu)

The "USER MENU" has 9 menu items. These are functions that are used during equipment start-up, or if your chemical operation has changed.

Use ▼▲ keys to scroll through the menu items. Press [ENTER] key to access selected menu item. Press [DELETE] key to escape from any place in the menu.

NOTE: After 2 minutes, indicator will "time out" to NET mode if no key is pressed.

DIGITAL DISPLAY:	*ACTION REQUIRED:*
1 DISPLAY UNITS	This function allows you to select how your chemical will be displayed. Weight (lbs or kgs) or Volume (gallons or liters).

--SCALE--

Step 1

#1 DISPLAY UNITS ***WT VOL**

Use ▼▲ to select WT (lb/kg) or VOL (gal/L) as display units.

If WT is selected at, press [ENTER] to advance to Menu Item 2 "SET ZERO".

If VOL is selected, press [ENTER] to advance to Step 2 below.

--ULTRASONIC--

Step 1

#1 DISPLAY UNITS ***WT VOL**

Use ▼▲ to select WT (lb/kg) or VOL (gal/L) as display units.
Press [ENTER] to advance to Step 1a below.

Step 1a

#1 TANK DIA **INCHES = 64.2**

Use ▼▲ to enter inside tank diameter to calibrate sensor to tank.

If WT is selected, press [ENTER] to advance to Step 2 below.

If VOL is selected, press [ENTER] to advance to Menu Item 2, "SET ZERO".

Step 2

#1 SPEC GRAVITY **NUMBER = 1.132**

Use ▼▲ to enter specific gravity of chemical.
Press [ENTER] to advance to Menu Item 2, "SET ZERO".

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USER MENU Cont...

DIGITAL DISPLAY: | *ACTION REQUIRED:*

2 SET ZERO

Allows user to "zero" the scale or sensor when scale or tank is empty. If tank is not empty but weight of chemical in tank is known, SET ZERO allows user to adjust display to read this known weight.

Step 1 — `USER MENU ↓↑ 2` / `SET ZERO`

Press ENTER to advance to Step 2.

Step 2 — `ARE YOU SURE?` / `*NO YES`

If "NO" is selected, press ENTER to advance to Menu Item 3 "DISPLAY FORMAT".
If "YES" is selected, press ENTER to advance to Step 3.

Step 3 — `SELECT CHANNEL ↓↑` / `NUMBER = 1`

(NOT FOUND ON SINGLE CHANNEL INDICATOR) Scroll through available channels using ▼▲. Press ENTER to select scale or sensor channel number and advance to Step 4.

Step 4 — `TNK/SCALE EMPTY?` / `*NO YES`

Is Tank or Scale empty? Use ▼▲ keys to select YES or NO.
If "YES" is selected press ENTER to zero the scale and advance to Menu Item 3 "DISPLAY FORMAT".
If "NO" is selected press ENTER to advance to Step 5.

NOTE: TANK DOES NOT HAVE TO BE EMPTY in order to accurately set zero. If tank is NOT empty, weight of chemical currently in tank (scale) or height of chemical currently in tank (ultrasonic sensor) must be known.

Step 5 — `#1 MIN CAL VALUE` / `LBS = 0.00`

Use ▼▲ keys to scroll to content weight or height.
Then press ENTER to store changes and advance to Menu Item 3 "DISPLAY FORMAT".

3 DISPLAY FORMAT

Configure how many channels are displayed simultaneously, and whether the auto scan is engaged.

Step 1 — `USER MENU ↓↑ 3` / `DISPLAY FORMAT`

Press ENTER key to advance to Step 2.
If the SOLO G2 is set up for only 1 channel, this section is not accessible.

Step 2 — `SELECT FORMAT ↓↑` / `* SINGL DUAL`

Selecting "single" displays net weight on top line and bar display on bottom.
Selecting "dual" displays channel #1 NET on top line and channel #2 NET on the bottom line.

Use ▼▲ keys to to select. Then press ENTER :
If Single is selected, advances to Step 3.
If Dual is selected, advances to Menu Item 4 "FILTER BAND".

Step 3 — `AUTO SCAN ?` / `* NO YES`

If AUTO SCAN is activated the SOLO G2 will automatically scan both channels without the operator having to touch any keys.
If "NO" is selected, advances to Menu Item 4 "FILTER BAND".
If "YES" is selected, advances to Step 4.

Use ▼▲ keys to to select. Press ENTER to advance.

Step 4 — `ALTERNATING TIME` / `SECONDS = 6`

Allows you to set the scan time period in seconds from one channel to the next.
Use ▼▲ keys to select. Press ENTER to store changes and advance to Menu Item 4 "FILTER BAND".

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USER MENU Cont...

DIGITAL DISPLAY:

ACTION REQUIRED:

4 FILTER BAND

Allows you to steady a fluctuating display. This function will only help smooth out fairly rapid fluctuations. Slow, long term fluctuations (over minutes or hours), will likely not be corrected by changing the filter value. Contact factory for assistance in correcting slow, long term display fluctuations.

Step 1

USER MENU ↓↑ 4
FILTER BAND

Press ENTER to advance to Step 2.

Step 2

#1 FILTER BAND
WEIGHT = 0.70

Increase value to increase filtering. For example, if the display is rapidly jumping +/- 5.0, increase the value to slightly greater than 5.0, such as 6.0, to smooth out displayed reading. As the filter value increases, the display may take longer to reflect sudden weight changes.

Use ▼ ▲ keys to increase or decrease value. Then press ENTER :
If Single channel, advances to Menu Item 5 "MOTION BAND".
If Dual channel, allows adjustment of channel 2.

5 MOTION BAND

Menu operations such as ZERO and FIELD CALIBRATION require the SOLO G2 in certain steps to store a weight value before moving to the next step. MOTION BAND determines how steady the weight reading is required to be before the SOLO G2 accepts the value and continues on. The greater the value, the greater the fluctuation allowed.

Step 1

USER MENU ↓↑ 5
MOTION BAND

Press ENTER to advance to Step 2.

Step 2

#2 MOTION BAND
WEIGHT = 0.7

Changing this value alters the required signal stability which could lead to inaccurate field calibration and zero adjustment. Please consult factory before adjusting this value.

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USER MENU Cont...

DIGITAL DISPLAY: | *ACTION REQUIRED:*

6 CONFIG 4-20mA OUT/BARGRAPH

Allows you to set full scale value (20mA) to span output and bar graph. Includes 4-20mA trim function.

Step 1
```
USER MENU      ↓↑ 6
CONFIG 4-20/BAR
```
Press [ENTER] to advance to Step 2.

Step 2
```
# OF 4-20 PORTS
          2 ACTIVE
```
Momentarily displays number of active 4-20mA ports, then automatically advances to Step 3.

Step 3
```
C1 FULL SCALE  ↓↑
WEIGHT =   XXXX
```
Use ▼▲ keys to scroll to value you would like 20mA and 100% on bar graph to equal. 4mA is always equal to zero. (Set USER MENU 3, "DISPLAY FORMAT", TO *SINGL to display bar graph).

Example
```
# 1 NET      150.2 LB
E■■■■■■ . . . . . F
```
Press [ENTER] to store changes and advance to Step 4.

Step 4
```
TRIM OUTPUT NOW?
*NO          YES
```
Allows user to trim 4mA & 20mA using a multimeter.
Use ▼▲ Keys to select. Then press [ENTER] to advance.

If NO chosen:

If "NO" is selected, you will advance to channel 2, or Menu Item 7 "ALARMS/SETPOINTS".

If YES chosen:

Step 5
```
1 TRIM 4 mA
REF # = 11111
```
Use ▼▲ keys to change value, then press [ENTER] to advance to Step 6.

Step 6
```
1 TRIM 20 mA
REF # = 11111
```
Use ▼▲ keys to change value, then press [ENTER] to store changes and advance to channel 2, (repeat Steps 5 & 6 for additional ports), or Menu Item 7 "ALARMS/SETPOINTS".

7 ALARMS/SETPOINTS

This function allows you to choose the value at which you want your optional alarms/set points to trigger.

Step 1
```
USER MENU      ↓↑ 7
ALARMS/SETPOINTS
```
Press [ENTER] to advance to Step 2.

Step 2
```
#1 RELAY SCALE
NUMBER = _____
```
Use ▼▲ keys to scroll to the scale number of your first set point. Then press [ENTER] to advance to Step 3.

Step 3
```
#1 SETPT TYPE
*LOW        HIGH
```
Select set point type using ▼▲ keys. Press [ENTER] to store changes and advance to Step 4.

LOW - for descending alarm/set point.
HIGH - for ascending alarm/set point.

Step 4
```
#1 SETPT VALUE
LBS =       125
```
Use ▼▲ keys to scroll to the value that you wish the relay to trigger. The relay trips when the displayed reading corresponds to this point. Press [ENTER] to store changes and advance to Step 5.

NOTE: Units based on selection in MENU 2, "DISPLAY UNITS".

Step 5
```
#1 SETPT DISPLAY
*NO          YES
```
Use ▼▲ keys to choose if you want Alarm/Set Points shown on display. Press [ENTER] to return to Step 2 if unit has more than one relay, or to Menu Item 8 "DIAGNOSTICS".

Example
```
     SCALE ALARM
1HI     2LO
```
Alternates every few seconds with main NET display.

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USER MENU Cont...

	DIGITAL DISPLAY:	*ACTION REQUIRED:*
	8 DIAGNOSTICS	This function is used for troubleshooting, and is usually used by a factory trained technician. Contact a Force Flow technician at 800-893-6723 (or 925-686-6700) for assistance.
Step 1	**USER MENU ↓↑ 8** **DIAGNOSTICS**	Press ENTER to advance to Step 2. Press DELETE to exit to NET screen. Use ▼▲ keys to scroll to other menu items.
Step 2	**VIEW/SET FACTORS** ***NO YES**	VIEW/SET FACTORS: View or change current zero and span factors. Choose "NO" to advance to Step 7. Choose "YES" to advance to Step 3 (Dual Channel), Step 4 (Single Channel).
Step 3	**SELECT CHANNEL ↓↑** **NUMBER = 1**	*DUAL CHANNEL ONLY* Use ▼▲ keys to select channel. Press ENTER to advance to Step 4. Press DELETE to advance to Step 7.
Step 4	**#1 ZERO COUNTS** **NUMBER = 23281**	ZERO COUNTS is a reference number that corresponds to the current zero location of the channel. After zeroing the channel using MENU 2, SET ZERO, record this new ZERO COUNTS number on the label inside the enclosure for future reference. To restore zero, use ▼▲ keys to enter the value you recorded on the label, then press ENTER to store.
	ADJUST FACTOR? ***NO YES**	If ▼▲ is pressed to adjust ZERO COUNTS, warning is displayed. If "YES" is selected and ENTER is pressed, ZERO COUNTS is displayed again and adjustment can then be made. If "NO" is selected and ENTER is pressed, advances to Step 5.
Step 5	**#1 MIN CAL VALUE** **NET = 0.0**	MIN CAL VALUE refers to NET amount entered if tank/scale not empty when channel zeroed, or existing amount in tank or on scale when field calibration begun. DO NOT ADJUST WITHOUT FACTORY ASSISTANCE.
Step 6	**#1 SPAN FACTOR** **NUMBER = 2.32423**	SPAN FACTOR is a reference number that corresponds to the current calibration of the channel. After the channel is calibrated at the factory, the SPAN FACTOR is recorded on the label inside the enclosure for future reference. If the channel is re-calibrated in the field, this factor will change. To restore factory calibration, use ▼▲ keys to enter the value recorded on the label, then press ENTER to store.
	ADJUST FACTOR? ***NO YES**	If ▼▲ is pressed to adjust factor, warning is displayed. If "YES" is selected and ENTER is pressed, SPAN FACTOR is displayed again and adjustment can then be made. If "NO" is selected and ENTER is pressed, advances to Step 7.
Step 7	**RAW A/D READINGS** ***NO YES**	RAW A/D READINGS allows you to view raw A/D counts which can be useful in determining if processor is running. If "YES" is selected and ENTER is pressed, advances to Step 8. If "NO" is selected and ENTER is pressed, advances to Step 9.
If YES chosen:		
Step 8	**3282 5970**	Raw A/D values displayed. Press ENTER or DELETE to advance to Step 9.

Channel Layout:

(Ch #1)	(Ch #2)

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USER MENU Cont...

DIGITAL DISPLAY: | *ACTION REQUIRED:*

8 DIAGNOSTICS (Cont...)

Step 9

READ BASE UNITS
*NO YES

BASE UNITS: View current NET value in units of measure that SOLO G2 uses for background operations.
SCALE=WEIGHT (lb or kg), ULTRASONIC=DISTANCE (inches or cm).
If "YES" is selected and ENTER is pressed, advances to Step 10.
If "NO" is selected and ENTER is pressed, advances to USER MENU 9, "FIELD CALIBRATION".

Step 10

333 LB 555 IN

BASE UNITS displayed.
Press ENTER or DELETE to advance to USER MENU 9, "FIELD CALIBRATION".

Channel Layout:

(Ch #1)	(Ch #2)

9 FIELD CAL

Your indicator has been factory calibrated. This function allows you to field calibrate your indicator by setting the zero and span with known weights or values.

Step 1

USER MENU ↓↑ 9
FIELD CAL

Press ENTER to advance to Step 2.

Step 2

DEL FACTORY CAL ↓↑
*NO YES

If "NO" is selected, advances to Menu Item 1 "DISPLAY UNITS".
If "YES" is selected, advances to Step 3.
Use ▼▲ keys to select. Press ENTER to advance.

Step 3

SELECT CHANNEL ↓↑
NUMBER = 1

Use ▼▲ keys to select which Channel to calibrate.
Press ENTER to advance to Step 4.

Step 4

TANK / SCALE EMPTY?
*NO YES

Use ▼▲ to select.
If "NO", press ENTER to advance to Step 5.
If "YES", press ENTER to advance to Step 6.

Step 5

#1 MIN CAL VALUE
LBS = _____

Use ▼▲ to enter starting value ("0" if tank or scale empty).
Press ENTER to store value and advance to step 6.

Step 6

#1 APPLY MAXIMUM
THEN PRESS ENTER

Apply weight or fill with known amount. When finished, press ENTER to advance to Step 7.

Step 7

#1 ENTER MAX. VAL
LBS = 100.0

Use ▼▲ to enter amount added in previous step.
Press ENTER to store value and advance to Step 8.

Step 8

CALIBRATE MORE?
*NO YES

Use ▼▲ keys to select. Press ENTER to advance.
(Select "NO" to exit. Select "YES" to return to Step 3 and calibrate other channel).

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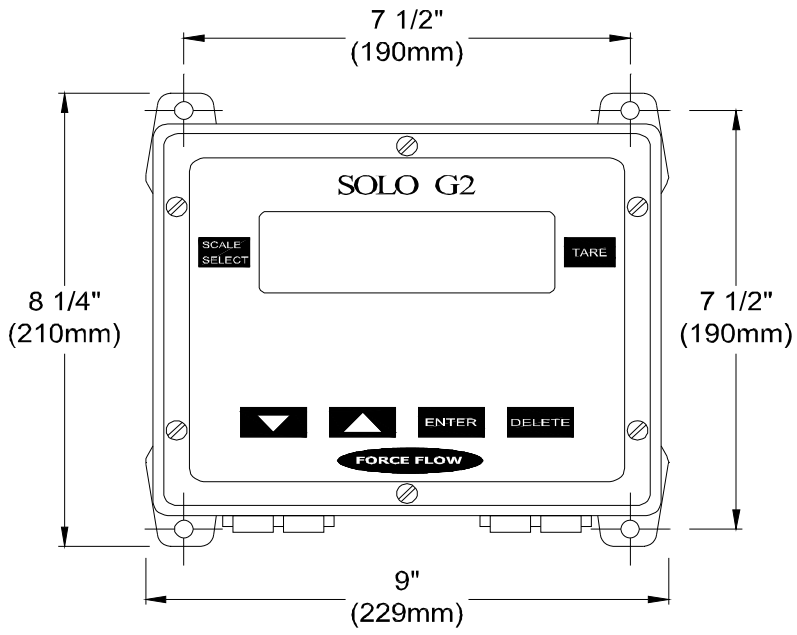
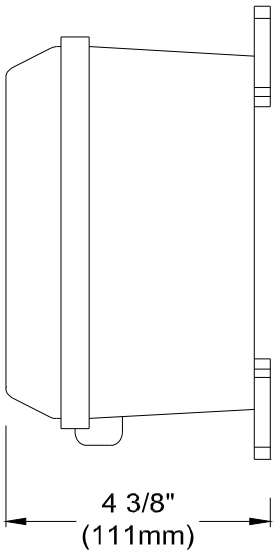
SOLO G2 SPECIFICATION SHEET





SPECIFICATIONS for SOLO G2 INDICATOR

Channels: 1 or 2
Input: (1) or (2) 350 ohms Load Cells or 4-20mA signals
Output: 4-20mA (Source Signal)
Increments: 0.1, 0.2, 0.5, 1, 2, 5
Display 2 lines, 16 digits, LCD, 0.4" character
Tare Adjustment: Push button scroll
Operating Temperature: 32-122 degree F, 0-50 degrees C
Power: 110-120 VAC, 50/60 Hz
(220 VAC 50/60 Hz available upon request)
(12-24 VDC operation available upon request-power to be supplied by others)
Connectors: Power and output: 1/2" nylon conduit connectors
Load Cell: 1/2" nylon cord connector
Enclosure: NEMA 4X, UL listed, structural foam molded enclosure
Accuracy: Overall system accuracy 0.1% - 0.25% full scale

MODEL NUMBERS:

SRG2-1 (Single Channel)
SRG2-2 (Dual Channel)

OPTIONS:

LEVEL ALARM / SET POINTS:
The SOLO features four (4) optional adjustable set point relays, that can be used for alarm or control applications. The relays are Form C, Dry Contacts rated at 2A at 30 VDC, 0.5A at 120 VAC.

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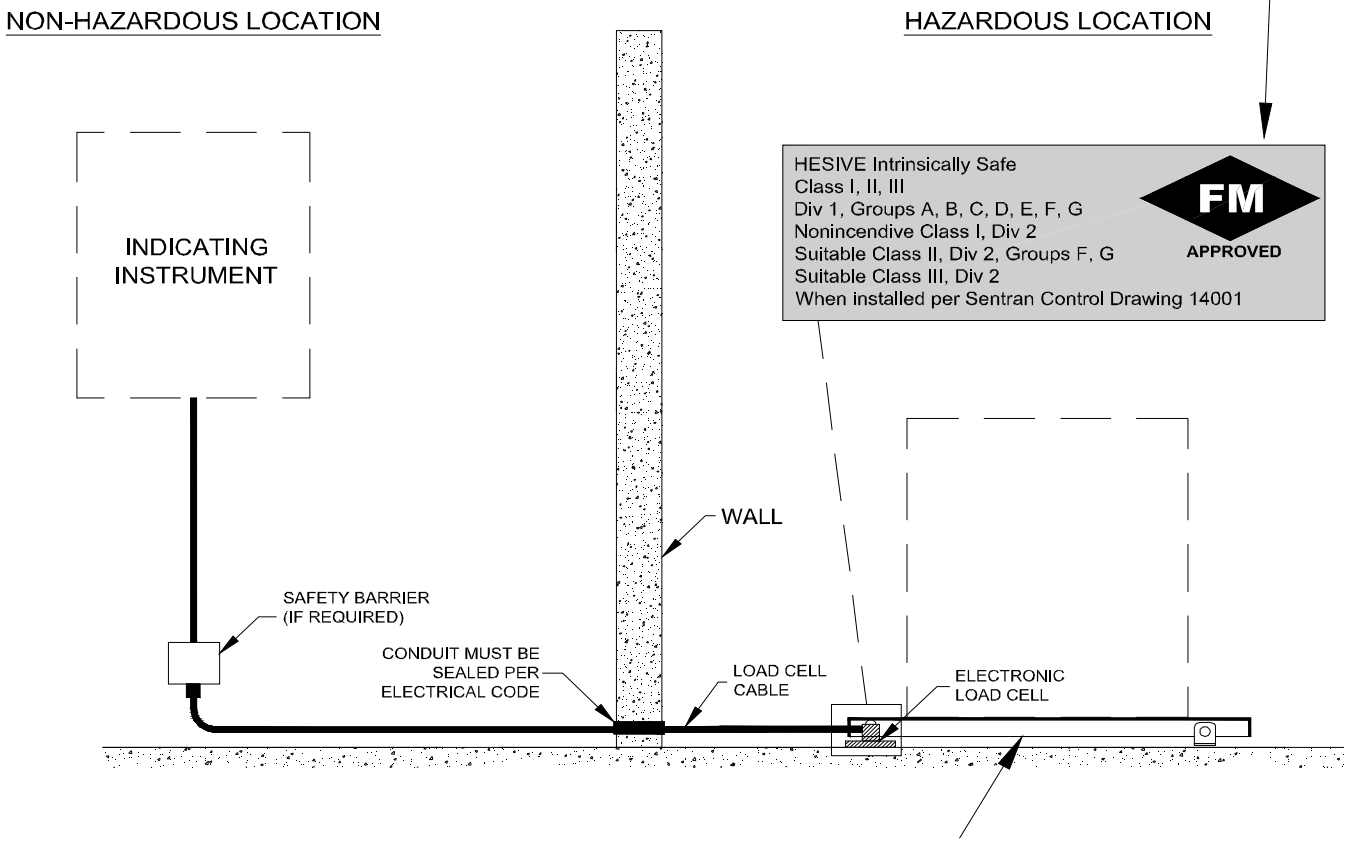
HAZARDOUS AREA INSTALLATION
-WARNINGS & PRECAUTIONS-

- **Refer to local building codes for hazardous location restrictions.**
- **Anchor platform in level location.**
- **Anchor platform with building code approved fasteners.**

Indicator is not approved for use in hazardous locations. If your installation constitutes an explosive or combustible environment, please consult factory for safety precautions.

For further technical information or for applications engineering assistance, please contact Force Flow at 925-686-6700, 1-800-893-6723, info@forceflow.com.

For hazardous locations, verify electronic load cell(s) furnished with your scale have the following label to meet safety requirements.



NOTE: EXAMPLE ONLY - Your scale may look different than the unit pictured.

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FORCE FLOW

COMMITTED TO CUSTOMER SERVICE & PRODUCT SUPPORT

From the initial writing of a specification through the installation and operation of the equipment,100% satisfaction is our goal. At Force Flow, we know that a superior customer service and support team is crucial to the success of our company.

PERFORMANCE GUARANTEE

With the purchase of every Force Flow product comes our performance guarantee. If you are unhappy about the performance of one of our products in your chlorination or chemical feed application, you may request a performance guarantee from the selling distributor. Under the performance guarantee, if within 30 days of the original installation you are not completely satisfied with the performance of the Force Flow product, you may return or exchange it for the full purchase price. To qualify, all performance guarantees must be pre-approved by the factory service manager before returning the equipment to the factory.

WARRANTY

Force Flow warrants all scales, ultrasonic sensors and indicators against defects in materials and workmanship under normal use for a period of FIVE (5) YEARS from the date the product ships from Force Flow. If a defect arises and a valid claim is received within the warranty period, at its option, Force Flow will either (1) repair the defective equipment at no charge, or (2) exchange the product with a product that is new or (3) refund the purchase price of the product. All warranty claims must be returned to factory. Contact factory for Return Merchandise Authorization (RMA#).

TECHNICAL & APPLICATION SUPPORT

Force Flow factory engineers have strong technical backgrounds with many years of chlorine and chemical feed application experience. If you require technical information, application support or help with a custom project, please contact an application engineer on our HELP HOTLINE 1-800-893-6723 USA/Canada or email info@forceflow.com. Also, see our website at www.forceflow.com.

SERVICE

Our policy is to get all repairs, warranty work and retrofits completed and shipped within 48 hours of their arrival at the factory. Trained technicians and a large parts inventory make this happen. We understand that there is nothing more frustrating than sending something back to the manufacturer and wondering when you will see it again. 2-Day turnaround on repairs--that is our policy! For prompt service, call our TOLL FREE HELP HOTLINE at 1-800-893-6723.

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www.forceflow.com / info@forceflow.com **1-800-893-6723 Fax: 925-686-6713**

2430 STANWELL DRIVE, CONCORD, CA 94520 USA
Phone (925) 686-6700 Fax (925) 686-6713
info@forceflow.com www.forceflow.com

DECLARATION OF CONFORMITY

APPLICATION OF COUNCIL DIRECTIVE: 89/336/EEC

Standards To Which Conformity Is Declared:

EN50081-1:1992
- EN55022 Class B
- EN61000-3-2
- EN61000-3-3

EN50082-1:1998
- EN61000-4-2
- EN61000-4-3
- ENV50204
- EN61000-4-4
- EN61000-4-5
- EN61000-4-6
- EN61000-4-8
- EN61000-4-11

Manufacture's Name:	Force Flow
Manufacture's Address	2430 Stanwell Drive Concord, CA 94520 (925) 686-6700, Fax (925) 686-6713
Equipment Description:	Industrial Scale
Equipment Class:	Generic-Light Industrial
Product:	SOLO G2 Model SRG2

I the undersigned, herby declare that the equipment specified above, conforms to the Directive(s) and Standard(s).

Place:	Concord, California 94520
Full Name:	John K. Galloway
Position:	VP/ General Manager

DECLARATION OF CONFORMITY

APPLICATION OF COUNCIL DIRECTIVE: 2006/95/EG (formerly 72/23/EEC)

Standards To Which Conformity is Declared:	EN 61010-1:1993
Manufacture's Name:	Force Flow
Manufacture's Address:	2430 Stanwell Drive Concord, CA 94520 (925) 686-6700 Fax (925) 686-6713
Equipment Description:	Industrial Scale
Equipment Class:	Class 1
Product:	SOLO G2
Model Numbers:	Model SRG2

I the undersigned, herby declare that the equipment specified above, conforms to the Directive(s) and Standard(s).

Place:	Concord, California 94520
Full Name:	John K. Galloway
Position:	VP/ General Manager