

# SOLO<sup>®</sup>—G2 DIGITAL INDICATOR

FOR CHEMICAL USAGE AND LEVEL MONITORING

**2ND GENERATION**  
SOLO<sup>®</sup> INDICATOR

**COMPATIBLE WITH**  
ALL OF OUR SCALES  
AND SENSORS

**4-20mA OUTPUTS**  
FOR REMOTE  
MONITORING

**TWO MODELS**  
SINGLE OR  
DUAL CHANNEL

**NEW**



As with all of our SOLO products, The all new SOLO G2 digital Indicator provides a simple and Economical way to measure chemical usage and inventory. The SOLO G2 incorporates many new features including a keypad, 0-100% bar graph display and a diagnostics menu. The diagnostics menu allows the user to calibrate the indicator without the hassle of test weights.

All set point, 4-20mA, bar graph and filtering values are now easily entered using the keypad so adjust-

ing DIP switches is a thing of the past! During tank change, tare weight can be entered via the keypad to arrive at the correct net (chemical) weight or, if the net weight is known, you can simply enter it directly. Either way, the menu driven display prompts the user through this easy process.

For maximum durability, the SOLO G2 is housed in a NEMA 4X enclosure which offers superior protection against harsh environments such as chemical rooms and

outdoor installations. Standard 4-20mA signals and optional level alarms are available for remotely monitoring chemical status via your PLC or SCADA system.

CE tick compliant to AS/NZS C1SPR11:2004

File No: HYD100706A-2



N27131



**FORCE FLOW**

## SPECIFICATIONS

# SOLO®—G2 DIGITAL INDICATOR

FOR CHEMICAL USAGE AND LEVEL MONITORING

# 516

BULLETIN



### MODELS & ORDERING INFORMATION

**MODEL:** SRG2-1 (1 Channel), SRG2-2 (2 Channels)

**INPUT:** Electronic load cell or ultrasonic sensor

**OUTPUT:** Isolated 4-20mA output and up to (4) optional relays

**READOUT SPECS:** 32 character, backlit, alphanumeric LCD

**NUMERICAL DISPLAY:** 6 full digits (999,999)

**BAR GRAPH DISPLAY:** User adjustable 0-100%

**FILTERING:** User adjustable box car averaging

**DISPLAY UNITS:** lb, kg, gallon, liter. Up to 999,999

**INCREMENTS:** 0.1, 0.2, 0.5, 1, 2, 5, 10, 20 or 50

**ZERO/TARE ADJUSTMENT:** Via keypad

**OPERATING TEMPERATURE:** 32-122 Degrees F (0-50 Degrees C)

**INPUT POWER:** 110-250 VAC (50-60 Hz, 5 watts) or 24VDC

**CONNECTORS:** 4-20mA & Relays: 1/2" Nylon Conduit Connector

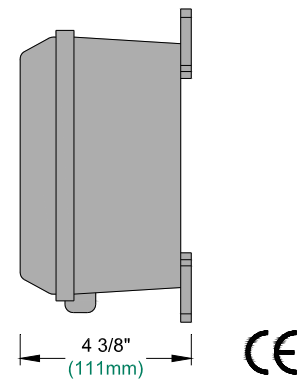
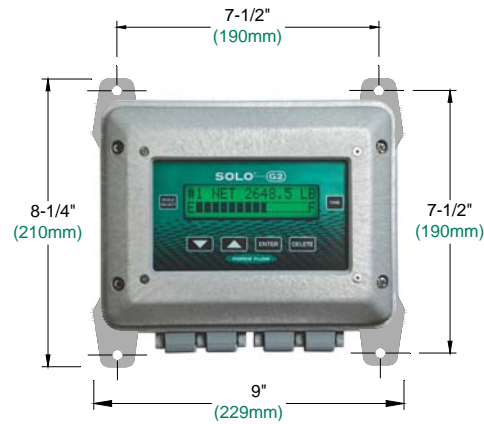
Load Cells & Ultrasonic Sensors: 1/2" Nylon Cord Connector

**ENCLOSURE:** NEMA 4X, UL listed structural foam molded

**PERFORMANCE:** Overall System Accuracy: 0.1-0.25% F.S.,

Non-linearity: <0.03% F.S., Hysteresis: <0.02% F.S., Non-Repeatability: <0.01%

F.S., Thermal Stability: <0.002/Deg F, Zero and Span



### OPTION

LEVEL ALARMS/RELAYS  
-Up to (4) per indicator  
-Form C Dry Contact  
-2A @ 30VDC, 0.5A @ 120 VAC

### TYPICAL SPECIFICATION FOR CHEMICAL MONITORING SCALE OR ULTRASONIC SENSOR

#### SCALES

A quantity of \_\_\_\_\_ scale(s) shall be provided and shall be of the digital readout/electronic load cell type. Scale(s) shall be of the single load cell design. Flexible cable shall connect load cell to indicator to allow easy remote installation of the readout. Cable length shall be \_\_\_\_\_ feet (meters).

#### ULTRASONIC SENSORS

A quantity of \_\_\_\_\_ ultrasonic sensor(s) shall be provided and shall be of the 4-20mA output design. Flexible cable shall connect sensor(s) to indicator to allow for easy remote installation of the readout. Cable length shall be \_\_\_\_\_ feet (meters).

Indicator shall carry CE marking and shall be housed in a NEMA 4X, UL approved enclosure. LCD readout shall have backlighting for readability in low light conditions.

Numerical display shall have 6 full active digits and adjustable bar graph display shall read 0-100%. Tare adjust shall be accomplished using a keypad and indicator shall output net weight via a 4-20mA signal for remote monitoring. Indicator shall monitor \_\_\_\_\_ (1 or 2) channels.

Scale/Ultrasonic Sensor shall be Model \_\_\_\_\_ and digital display shall be SOLO® G2 Indicator manufactured by Force Flow, 2430 Stanwell Drive, Concord, CA 94520 USA.

Please see individual scale bulletins for model numbers And additional information. Specifications, literature and drawings available online at [www.forceflow.com](http://www.forceflow.com)

**Western Region**  
(08) 9412 6100  
[hydramet@hydramet.com.au](mailto:hydramet@hydramet.com.au)

**Central Region**  
(08) 8374 7800  
[hydrasa@hydramet.com.au](mailto:hydrasa@hydramet.com.au)

**Eastern Region**  
(03) 9325 3900  
[hydravic@hydramet.com.au](mailto:hydravic@hydramet.com.au)

