ELECTRONIC

SOLO™ G2 DIGITAL INDICATOR

516 BULLETIN

FOR CHEMICAL USAGE AND LEVEL MONITORING

2ND GENERATION	COMPATIBLE WITH	4-20mA OUTPUTS	TWO MODELS
SOLO™ INDICATOR	ALL OF OUR ELECTRONIC SCALES AND SENSORS	INCLUDED FOR REMOTE MONITORING	SINGLE OR DUAL CHANNEL

As with all of our SOLO™ products, the SOLO G2 digital indicator provides a simple and economical way to measure chemical usage and inventory. Single and dual channel models both include a membrane keypad with a backlit menu-driven LCD display to allow easy adjustment and entry of values. A bar graph level indicator allows remaining chemical amount to be confirmed with just a glance at the display. A diagnostics menu allows the user to restore factory calibration of the indicator at any time without the hassle of needing to use test weights.

During change-out of cylinders or ton containers, 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 output signals, and optional level alarm output relays and MODBUS RS485, are available for remotely monitoring chemical status via your PLC or SCADA system.

NO FINGER POINTING.
NO FINE PRINT.™
PERFORMANCE GUARANTEED 5 YEAR WARRANTY™

FORCE FLOW

CHECK. CONTROL. COMPLY.

2430 Stanwell Drive, Concord, CA 94520 USA | Tel: 925-686-6700 | Fax: 925-686-6713 | info@forceflow.com | www.forceflowscales.com

SPECIFICATIONS

ELECTRONIC

SOLO™ G2 DIGTAL INDICATOR

FOR CHEMICAL USAGE AND LEVEL MONITORING

516 BULLETIN

Rev 06/24

MODELS & ORDERING INFORMATION

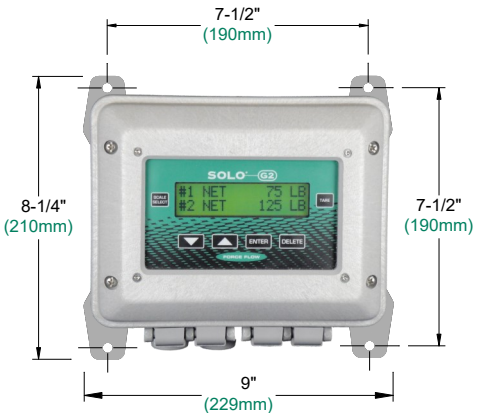
MODEL: **SRG2-1** (1 Channel), **SRG2-2** (2 Channels)

INPUT: Electronic weigh scales (mV DC) or ultrasonic sensors (mA DC)

OUTPUT: Isolated 4-20mA output for each channel

OPTIONAL

- Up to (4) level alarm output relays, Form C dry contact, 2A @ 30VDC, 0.5A @ 120 VAC (Part No. G5ASP)
- MODBUS ASCII via RS485 (Part No. GRS485)



READOUT SPECS: 32 character, backlit, alphanumeric LCD

NUMERICAL DISPLAY: 6 full digits (e.g. 999999)

BAR GRAPH DISPLAY: User adjustable span, 0-100%

FILTERING: User adjustable boxcar averaging

DISPLAY UNITS: lb, kg, gallon, liter [also inches & cm for ultrasonic sensors].

INCREMENTS: 0.1, 0.2, 0.5, 1, 2, 5, 10, 20 or 50 *(minimum dependent on channel capacity)*

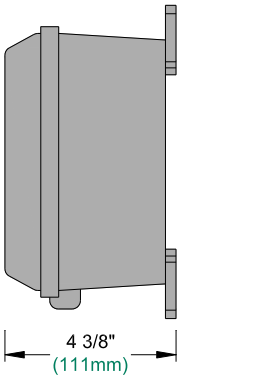
ZERO/TARE ADJUSTMENT: Via keypad, dedicated TARE key

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

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

MAX CURRENT: 0.25A @ 110 VAC / 0.2A @ 24 VDC

CONNECTORS: Power: 1/2" Nylon Flex Conduit Connector
4-20mA & Relays: 1/2" Nylon Flex Conduit Connector
Scales & Ultrasonic Sensors: 1/2" Nylon Cord Connector



ENCLOSURE: NEMA 4X, UL listed structural foam molded

APPROVALS: CE (European standard)

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

CE

OPTIONAL - PRICING UPON REQUEST

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).

ULTRASONIC SENSORS

Indicator shall carry CE marking and shall be housed in a NEMA 4X, UL approved enclosure. LCD readout shall have back-lighting 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.forceflowscales.com**

FORCE FLOW

CHECK. CONTROL. COMPLY.

2430 Stanwell Drive, Concord, CA 94520 USA | Phone +1(925) 686-6700 | info@forceflow.com | www.forceflowscales.com