

SOLUTION FOCUSED. SERVICE DRIVEN.

Tank Gauges 12 V
LPG



Fuelcraft LPG ATG 12V

Eliminate daily dipping of your storage tank and streamline your refilling process

Keep track of your GAS!

The Fuelcraft LPG automatic tank gauging unit will keep track of your gas volumes remotely on a portal which will streamline your scheduling to ensure you always have Gas.

Installation on the tank is simple and the battery operated system will send a dip read once per day, making the battery life last up to 10 years.

HARDWARE

- ▶ Fuelcraft 12V ATG LPG

CONSISTENT

- ▶ Our experience with installation and commissioning means you get consistent data linkage. Plug and play.

BATTERY LIFE

- ▶ Battery powered devices with 10 years plus life.
Battery pack with standard cell sizes connected with a 2 wire harness

SIMPLE

- ▶ External antenna option for underground locations

LOW LEVEL ALERTS

- ▶ E-mailed low level alerts from the ATG via a website portal.

WEB PORTAL PACKAGE

- ▶ Free connection to the Fuelcraft ATG Website Portal
- ▶ Accurate, reliable tank level reporting to server

TANKS

- ▶ Fixed or mobile, Vented or pressurised, Underground
- ▶ Tank size limited only by the capability of the sensor connected



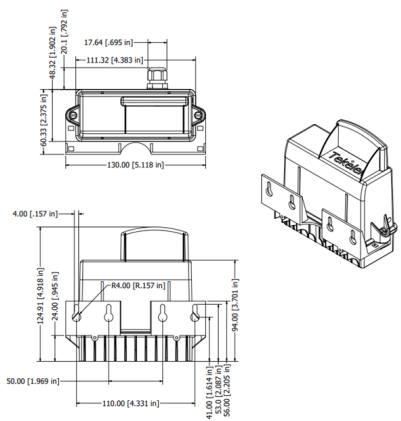
Ability to e-mail a low level alert from the Fuelcraft ATG Web Portal



Free connection to the Fuelcraft ATG Website Portal for quick level readings

LIQUIP VICTORIA
THE HOME OF Fuelcraft

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Characteristic	LTE CAT-M1/NB-IoT/2G Exi LPG sensor
Dimensions	
Weight	350g/0.77lbs
Housing Material	Moulded plastic, 2-part, material Glass Reinforced Polyamide, UV resistant.
Operating Temperature	-30°C to +50°C / -22°F to 122°F
Storage Temperature	0°C to 30°C / 32°F to 86°F
Humidity	0 – 100% RH
Environmental Protection	IP68
Communication	LTE CAT-M1 or NB-IoT or 2G with GPS
Radio Frequency	BG96 LTE FDD (Cat M1 & Cat NB1): B1/B2/B3/B4/B5/B8/B12/B13/B18/B19/B20/B26/B28 LTE TDD (Cat M1): B39 EGPRS: 850/900/1800/1900MHz BG95 LTE FDD (Cat M1): B1/B2/B3/B4/B5/B8/B12/B13/B18/B19/B20/B25/B26/B27/B28/B66/B85 LTE TDD (Cat NB2): B1/B2/B3/B4/B5/B8/B12/B13/B18/B19/B20/B25/B26/B66/B71/B85 EGPRS: 850/900/1800/1900MHz
GNSS (GPS)	BG96 GPS, GLONASS, BeiDou/Compass, Galileo, QZSS BG95 GPS, GLONASS, BeiDou, Galileo, QZSS
Dial-gauges	5V Rochester Senior/Junior Twinsite/R3D or Cotrako dials
Accuracy/resolution	10-bit A/D resolution, Accuracy is dependent on the gauge used



Characteristic	NB-IoT/CAT-M1/2G Exi LPG sensor
Power requirements	Battery pack with standard cell sizes connected with a 2 wire harness included
Battery technology	3.6V Lithium Thionyl Chloride Exi "Bobbin type" construction
Battery life	Up to 10 years*
Safety	Class I, Div 1, Gr A D T4 Class I, Div 1, Gr C D T4 Class I Zone 0 AEx ia IIB T4 Ga Class I Zone 0 AEx ia IIC T4 Ga SGSNA/22/CA/0014X BA22UKEX0189X II 1G Ex ia IIC T4 Ga Ta = -30°C to +55°C II 1G Ex ia IIB T4 Ga Ta = -30°C to +55°C II 1G Ex ia IIC T4 Ga Ta = -30°C to +55°C II 1G Ex ia IIB T4 Ga Ta = -30°C to +55°C SGS22ATEX0060X & IECEx BAS 22.0034X Complies with UL 91
Conformance	CE, IECEx, RoHS, REACH, RED
RoHS 2 Directive (2011/65/EU) and Delegated Directive RoHS 3 (EU) 2015/863	This Directive lays down rules on the restriction of the use of hazardous substances in electrical and electronic equipment (EEE) with a view to contributing to the protection of human health and the environment, including the environmentally sound recovery and disposal of waste EEE.
REACH Compliance	In accordance with (EC) 1907/2006
FCC Compliance	ICES-003 Issue 6 Class B Digital Apparatus emissions requirement (Canada) CFR 47 FCC Part 15 Subpart B Class B emissions requirements (USA)
Manual Activation	Magnetically activated reed switch / Audible buzzer / Internal LED
Installation	Plug and play installation. Shipped pre-configured with customer supplied SIM card and Rochester gauge installed

* Based on 1 communication per day and good network coverage

Additional details	
External connection	IP68 Cable gland
Server radio communications	PTCRB (AT&T) & Verizon approvals. FCC, RED, CE approvals.
Dial	5V Rochester Senior/Junior Twinsite/R3D (Rochester DS-1318.pdf compatible as standard)
Antenna	Internal with option for antenna coupler with SMA connector to allow connection of an external GSM antenna
Data Communications	Makes a TCP connection to the server over 2G,4G, NB-IoT or CAT-M1 cellular network and delivers its payload using a proprietary Tekelek binary
Fixing/Mounting	Screw mounts (4), tie wrap, & pole mount features are standard.

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