

Smart level monitoring for liquid gas tanks via radio, SMS and app.

Application:

Monitor the level of liquid in LPG storage tanks at a glance:

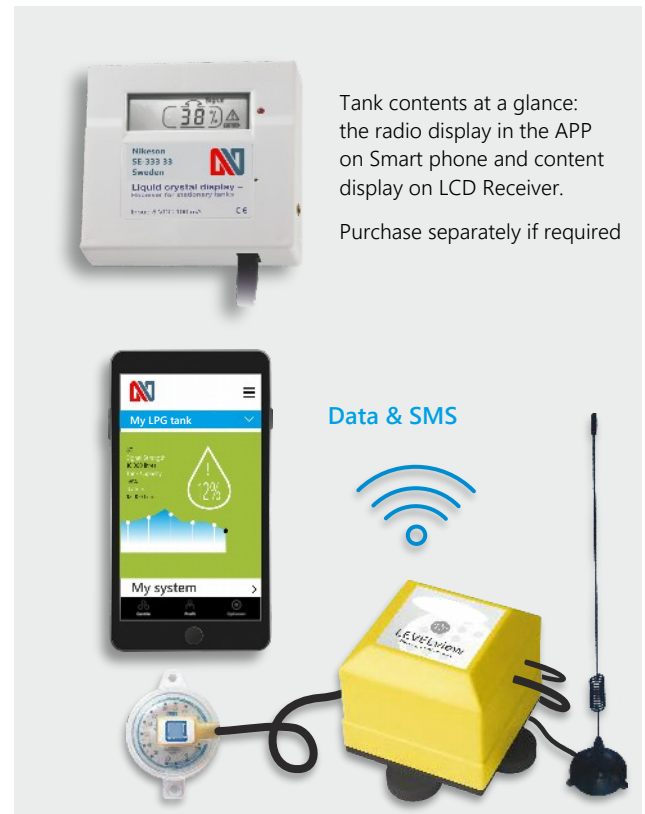
The radio display in the House, Workplace, control room or/and on Smartphone or PC!

The compact transmitter is quick and easy installed - just fit together the long-life battery pack and transmitter. Immediately the current fill is detected and data is transferred automatically to the recipient via GSM to smartphone or PC. Via radio the tank contents can also be monitored using the LCD Display receiver.

Data includes, High and low level, alarm and can send messages to an app on the Smartphone or Web-based PC administrative. Check and analyse consumption and demand and at an early stage energy.

- ✓ Non-contact level detection of upper and underground LPG tanks (ex zone 1 and 2)
- ✓ Data transmission via radio (500 m) for example to the level indicator in the living area
- ✓ Data transfer via SMS (GSM mobile) for display in mobile app on your Smart phone or Web based on the PC
- ✓ Cyclic SMS every 3 days with 24 level measured values
- ✓ Immediate alarm SMS with definable Limit values and events

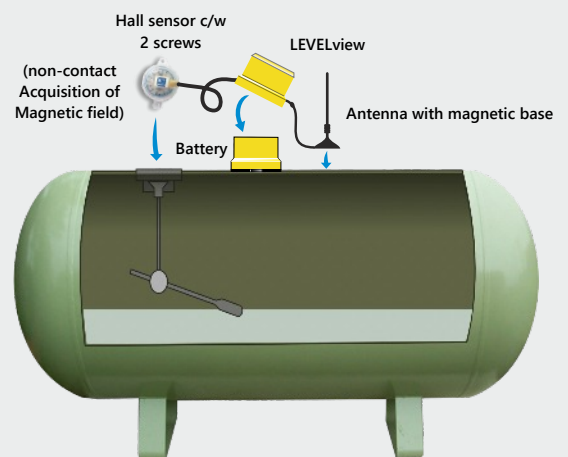
- Plug and play
- No complex wiring
- No SIM card needed (integrated SIM-chip)
- Simple intuitive programming via app
- Can be used also without app, with radio LCD display receiver.



Tank contents at a glance: the radio display in the APP on Smart phone and content display on LCD Receiver.

Purchase separately if required

SIMPLE INSTALLATION TO ABOVE AND BELOW GROUND LPG TANKS



Product Information

Product Number:	1001926
EAN:	617957699111
Description:	LEVELview. LPG - Battery pack non Ex.1 c/w magnetic base, operating instructions or QR code (security key) Antenna, Hall sensor, RCT Junior adaptor for SRG 705. - Free app download - Mobile phone not included.

General technical information

Power Supply:	- Ex1. Battery pack
Power Consumption:	Sending: 350mA max. Per transmission cycle
Operating temperature:	10 ° C to + 40 ° C
Type:	UV Resistant Plastic housing fully encapsulated electronics, IP54
Electronics:	Microprocessor-controlled
Antenna:	External magnet foot Antenna c/w 150cm cable (switched) Longer cable available.
Dimensions:	107 x 107 x 80mm LXWXH with feet
Usage Area:	Above and underground storage tanks
Protection class	IP 54, protected and allowed for use in ex zone 1 and 2

Signal Sensor - Hall Sensor

Measurement method;	Non-contact level detection of magnetic field
Compatible with fill level indicator (float) type;	-Rochester junior -SRG 487 (from year of manufacture 02/1996) -SRG 705 (until 02/1996) with adapter 1000438 (accessory)
Housing:	UV Resistant, gas tight plastic housing
Cable length:	1500mm (1.5 metres)
Installation/mounting:	With 2 screws on the flange of the existing filling level sensor.
Battery pack:	Included
Type:	UV Resistant, gas tight, full molded plastic case.

Battery Pack included

Output Voltage:	12 volt DC / 400ma
Type:	UV resistant gas tight, full molded plastic housing.
Safety:	Intrinsically safe with double current limitation.
Operating Temperature:	-20 ° C to + 40 ° C
Service Life:	2 years approx. (depending on transmission frequency)

Sending and receiving via radio (local)

Frequency:	868.45 Mhz (coded signal)
Range:	500 metres (free field)
Compatible with:	Radio receiver, for example. LCD display, interface 4-20mA
Data transferred:	- Tank level in % (.99) - Battery level
Transmission frequency:	Every 2 hours

Send and receive SMS (GSM mobile)

Transmission:	Via integrated SIM chip in the mobile network.
Cyclic SMS:	-Every 3 days (72 hours) -Freely selectable time point. -Contains 24 filling level measurements
Data transferred:	- Tank level in % (0.99) - Battery level
Alarm-SMS:	With custom events (2 minimum limit, filling, leakage, battery)
Data retrieval:	- Mobile App. (IOS/Android) - RCS web application (web-based)
Data back-up:	Server of Deutsche Telecom (redundant secondary server) 24 hrs/ reachable 265 days
Configuration:	- mobile App (IOS/Android) - RCS Web application (web-based)
Terms of Use of RCT app. Inc. SMS	Free of charge incl. SMS for 12 months after initial activation. - Service charge extendable for 12 months + - Only applicable within EU and UK.



Accessories

1000994. Replacement battery for LEVELview Ex1
1000438. Rochester Senior adaptor

