G470
868/915 MHz
Series 3

Data Sheet
ISSUE 1.0

Landis+Gyr

Technical Details

Accuracy class

Class 1.5

Applicable Metering

BS EN14236

Operating Temperature/Storage Temperature

-25C to 40C/-25C to 60C

Power consumption/ Battery Type

>15 years normal operation

Lithium Thionyl Chloride 3.6V D Cell +HLC

Case

IP67

Deep drawn coated steel

Dimensions

Overall: 167 mm (h) x 235 mm (w) x 99 mm (d)

Weight: 2.1 kg (approx.)

Supported interfaces

ZigBee® HAN utilising SEP 1.4 at 868/915MHz

GBCS tunnelled over the HAN to/from communications hub

Control buttons

One button holding for 3 seconds enable a number of "Rolling Register" displays to be accessed.

Second button for the control of the valve open sequence.

LCD display

2 line by 16 character dot matrix with Backlight

Environment

Suitable for installation in Closed locations

Mechanical Environment – M1

Electromagnetic Environment E1

95% Non-condensing

Range

868MHz nominal range 100 meters

Measurement

Ultrasonic – Time of flight

Maximum Flow Rate (Qmax) 6.00m3/Hr

Minimum Flow Rate (Qmin) 0.04m3/hr

Gas Type

For use with Second Family gases (H,L,E)

Shock and Vibration (transit)

BS EN 1359:1999

Pressure Drop

<2mB

Shut off Valve

Internally electrically operated

ATEX

EN60079-11:2012

EN600079-15:2010,

EN60079-0:2018

Security

Random Number Generator (RNG)

AES-128

Shut off Valve

Internally electrically operated

RF Standards

ESD BS EN 61000-4-2 Level 3

RF Susceptibility EN 61000-4-2 Level 3

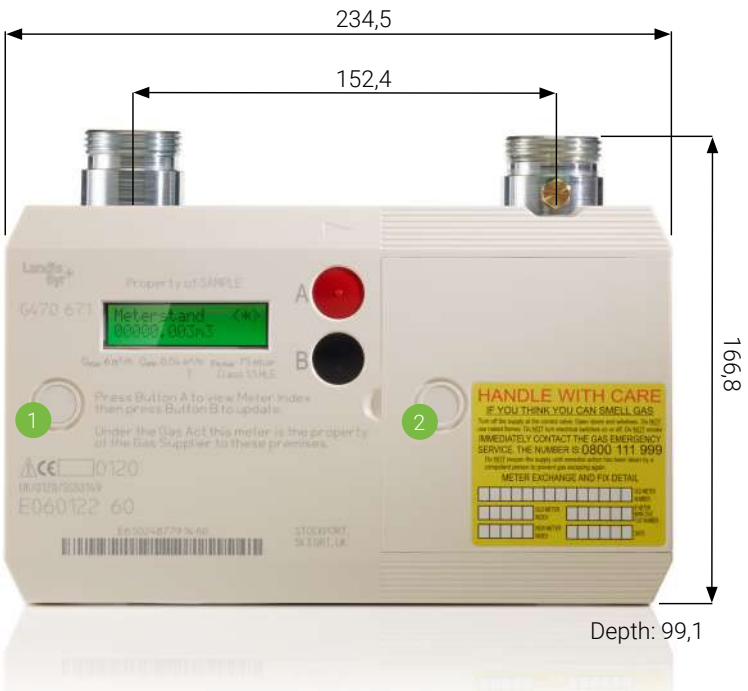
RF Emissions BS EN 61000-6-3

Meets requirement of Radio Equipment Directive (RED)

Physical description

Meter construction

1. Metrological seal
2. Non metrological seal



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