

# enLink Status-GP

## LoRaWAN Pressure Sensor

Synetica's enLink Status-GP, LoRaWAN Pressure Sensor measures gauge pressure with industry leading accuracy ensuring managers are quickly alerted to system malfunctions.

The monitor is a vital tool in areas where the need to monitor liquid or gas pressure is paramount, such as medical gases, agri-tech facilities, laboratory, industry and pharmaceutical.

The one-piece 17-4ph stainless construction is suitable for difficult media such as contaminated water, steam, and mildly corrosive fluids

The enLink Status-GP transmits data using long range LoRa wireless which easily integrates with cloud services or on-site systems via Modbus IP to ensure users are kept up to date with operational performance and to generate alerts when necessary.



### Key Features

-  Robust, one piece stainless sensor for liquid/gas pressure measurement
-  Various pressure options available.
-  Simple, quick installation
-  Easy configuration via USB / downlink
-  LoRa™ wireless, up to 16km range
-  Battery life 3+ years\*
-  Signal and battery indicator

*\*Battery life depends on configuration, data rate and environment*

### Applications



Commercial



Energy



Infrastructure



Pharma



Healthcare



Laboratory

## enLink Status-GP – LoRaWAN Pressure Sensor

Established in 2008, the engineering team at Synetica have many years experience in monitoring and analysing critical environmental information for the facilities management, commercial and industrial sectors.

The enLink Status-GP is suitable for a variety of applications including pressure monitoring in medical, aerospace, laboratory and industrial plants. Pressure ranges of 0-7 bar, 0-10 bar and 0-350 bar are available.

### Applications

- Measuring pressure drops in a line for preventive maintenance.
- Measuring fluid height or level in tanks.
- Sanitary pressure transducers in the bio or pharmaceutical industry.
- Identifying leaks in gases or liquids.

All our UK manufactured systems incorporate LoRaWAN long range wireless technology so that data can be easily transmitted for analysis. Battery powered versions offer rapid low-cost deployment with the freedom to position monitors for optimal sensing.

If you have a specific requirement for an air, environmental, energy or asset monitoring solution, contact us to learn more about how our precision monitoring technologies could help.

### Sensor Characteristics

**Pressure Type: Gauge Pressure**

**Ranges available: 0-7 bar, 0-10 bar, 0-350 bar**

**Pressure accuracy:  $\pm 0.25\%$  FSO  
(Combined linearity, hysteresis & repeatability)**

**Zero offset: -0.5 to 0.5 % FS**

**Operating temperature range: -40 – 125°C**

**Temperature compensated (from -20 – 85°C)**

**Pressure port fitting: ¼" - 19 BSPT**

**Wetted material: 17-4PH Stainless Steel**

**Proof pressure: 2X Burst pressure: 5X**

**Cable length : 1m**

**LoRa data parameters: Pressure & Temperature**

**Controller Dimensions: 129 x 67 x 41mm  
Sensor Dimensions: 22.25 x 22.25 x 53.34mm**

**UKCA, CE, FCC compliant**

**Enclosure IP rating: Standard IP40 / NEMA 1  
With optional gasket IP67 / NEMA 4**

### About us

Synetica was established in 2008 with the simple idea to revolutionise air quality monitoring, energy usage and remote asset monitoring. Our global customer base relies on our expertise to help them reduce emissions and clean up the air they breathe by allowing them to monitor their energy usage and key environmental parameters via the touch of a button.

[www.synetica.net](http://www.synetica.net)

**T: +44 (0)1785 818919 E: [enlink@synetica.net](mailto:enlink@synetica.net)**

Synetica Limited, Hilton House, 40 High Street, Stone, Staffordshire. ST15 8AU UK

