

# 100mm Stainless Steel Pressure Gauge with **e-Gauge-lite**



Made in the UK

## Description

A range of high quality, industrial, all Stainless Steel pressure gauges fitted with e-Gauge-lite.

This range of pressure gauges has a bottom or back entry 1/2" BSPP process connection with all 316L Stainless steel wetted parts.

The 100mm dial has a 304 stainless steel case with laminated safety glass, a bayonet type bezel and is supplied dry as standard. With optional Glycerine filled case for applications where vibration exists.

Available in pressure ranges from -1 to 700 bar (-30"Hg to 0-10000 PSI) including vacuum and compound. The instrument is suitable for use in gaseous and



## Specification

Product	100mm Stainless Steel Pressure Gauge with e-Gauge-lite
Accuracy	EN837-1 Class 1.0 ( $\pm 1.0\%$ FSD)
Connection	1/2" BSP Parallel
Dial	100mm 304 St/St bayonet type bezel
Pressure Range(s)	-1 to 700 bar
Material	316 St/St wetted parts
Ingress Protection	IP65
Operating Temp	-20 to +60°C
Window	Laminated Safety Glass
Part Number	EGL100

## Features

- 100mm Dial
- Accuracy Class 1.0 (EN837-1)
- 1/2 inch BSP Parallel Process Thread
- -1 bar to 700 bar Ranges
- All Stainless Steel Construction
- Fitted with **e-Gauge-lite** for 4-20mA output
- Optional Glycerine filled

## Application

- General Industrial/Plant Construction
- Chemical and Pharmaceutical Plants
- Food, Beverage and Dairy

## British Made

All of our sensors are designed, manufactured and assembled in the UK

For more information visit:

[sterlingsensors.co.uk](http://sterlingsensors.co.uk)

# What is **e-Gauge-lite**?

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**e-Gauge-lite** is used to convert pressure or temperature gauges to pressure and temperature transmitters, it reads the position of the pointer on any 100mm or 160mm DIN cased analogue gauge to give a 4-20mA output.

## Key Features

- No Programming required
- 2-wire, 4-20mA loop powered device
- Suitable for 100mm & 160mm gauges
- Compatible with all types of gauge
- Non-contact device, easily retrofittable
- Can be used on Glycerine filled gauges

Product	e-Gauge-lite
Output Signal	4-20mA (2-wire)
Nominal rating	12-24 VDC
Accuracy	<0.25% of full-scale value
Linearity	<1.0%
Humidity Range	0-99% RH NC
Measurement Frequency	>10Hz
IP Rating	IP67
Lead Length	1.5m cable standard
Span	270°

If you have any questions or require more information regarding **e-Gauge** please contact us via [marketing@sterlingsensors.co.uk](mailto:marketing@sterlingsensors.co.uk)

# Variations of **e-Gauge-lite**



100mm Stainless Steel DIN Pressure Gauge fitted with **e-Gauge-lite**



160mm Stainless Steel DIN Pressure Gauge fitted with **e-Gauge-lite**

Options
-1 to 0 (-30"Hg) vacuum pressure range
0-1 bar (0-15 PSI) pressure range
0-2 bar (0-30 PSI) pressure range
0-4 bar (0-60 PSI) pressure range
0-7 bar (0-100 PSI) pressure range
0-11 bar (0-160 PSI) pressure range
0-21 bar (0-300 PSI) pressure range
0-40 bar (0-600 PSI) pressure range
0-70 bar (0-1000 PSI) pressure range
0-400 bar (0-6000 PSI) pressure range
0-700 bar (0-10000PSI) pressure range

- ✓ BSPP or NPT Process Connections available
- ✓ Custom Dials & Company Logo
- ✓ Dry & Glycerine filled options
- ✓ Lead length to suit your requirements

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