

160mm 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 160mm 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



Features

- 160mm 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

Specification

| Product | 160mm Stainless Steel Pressure Gauge with e-Gauge-lite |
|--------------------|--|
| Accuracy | EN837-1 Class 1.0 ($\pm 1.0\%$ FSD) |
| Connection | 1/2" BSP Parallel |
| Dial | 160mm 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 | EGL160 |

British Made

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

For more information visit:

sterlingsensors.co.uk

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

Made in the UK 



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

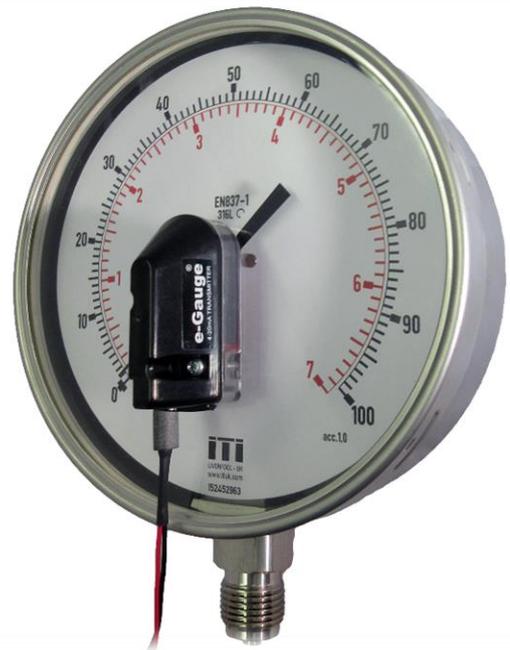
| Product | e-Gauge-lite |
|-----------------------|----------------------------|
| Output Signal | 4-20mA (2-wire) |
| Nominal rating | 12-24 VDC |
| Accuracy | <0.25% of full-scale value |
| Linearity | <1.0% |
| Humidity Range | 0-99% RH NC |
| Measurement Frequency | >10Hz |
| IP Rating | IP67 |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

If you have any questions or require more information regarding **e-Gauge** please contact us via 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 |
|--|
| (-30"Hg) -1 to 0 vacuum pressure range |
| (0-15 PSI) 0-1 bar pressure range |
| (0-30 PSI) 0-2 bar pressure range |
| (0-60 PSI) 0-4 bar pressure range |
| (0-100 PSI) 0-7 bar pressure range |
| (0-160 PSI) 0-11 bar pressure range |
| (0-300 PSI) 0-21 bar pressure range |
| (0-600 PSI) 0-40 bar pressure range |
| (0-1000 PSI) 0-70 bar pressure range |
| (0-6000 PSI) 0-400 bar pressure range |
| (0-10000PSI) 0-700 bar pressure range |

- ✓ BSPP or NPT Process Connections available
- ✓ Custom Dials & Company Logo
- ✓ Dry & Glycerine filled options
- ✓ No Programming required

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