

Petrochemical and chemical plant

Offshore oil and gas platforms

INDUSTRIAL MANUFACTURING

WATER TREATMENT AND POWER PLANT

Semiconductor fabrication

MANY MORE!



## new generation materials, next generation performance

**Z** zellweger analytics

total environmental solutions



Zellweger Analytics Ltd designs and manufactures the world-renowned, 'Sieger' and 'Neotronics' range of industrial gas detection instruments and control systems. Zellweger Analytics has been an industry

leader in gas detection since its formation nearly 40 years ago. This lead is maintained by the constant development of higher performance, more

comprehensive and cost effective solutions to your gas detection applications.

> Contact Zellweger Analytics for further details

- High temperature Exd junction box -
  - Standard Exe junction box
    - Collecting cone
    - Water protection (toxic)
      - Flow housing
- Weather protection (combustible)
- High temperature weather protection -

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# Z zellweger analytics

A company of the Zellweger Luwa Group

This publication is not intended to form the basis of a contract, and the company reserves the right to amend the design and specification of the instruments without notice.

> Full range of data sheets available on request

> > 2106M0511

# z sieger sensepoint

# SensePoint is an all-new range for either Combustible or Toxic

The simple, extremely rugged, high performance polymer sensor housing contains proven sensing elements which require very little maintenance, and are designed to give years of service before simple replacement. This comprehensive range of high performance gas sensors covers all the regular application needs of major industrial plants.

- A universal product range to meet all needs.
- Choice of combustible or toxic gas detection.
- Improved performance at lower cost.
- Meets all the latest certification, safety and performance standards.
- Rugged, corrosion resistant, high performance, polymer construction.
- Long-life, guaranteed sensing elements.
- Low maintenance costs.
- Fastest toxic speed of response.
- Cost effective retrofit for all gas sensors
- Full range of accessories.

SensePoint in both combustible and toxic versions are fully certified to the latest international and European ATEX safety and performance standards. Simple installation is achieved by the use of an Exd or Exe approved junction box. Sensepoint is designed for very harsh, aggressive environments with an ingress protection (IP) 66/67 approval.

SensePoint can be used with either a choice of Sieger control systems in new or replacement installations or it can be operated from a customers own existing system via industry standard outputs. It is fully interchangeable with earlier Sieger sensors and can be retrofitted into original installation(s).

The SensePoint design concept means extreme versatility, simple installation, minimum maintenance and spares requirements with years of reliable, trouble-free operation.

# corrosion resistant, polymer co

# of Sieger Gas Detection Sensors Gases.

## New Generation Materials

The sensor housing is made from an extremely rugged polymer material called Fortron® which is widely used in the automotive and other industries for a variety of harsh environment engineering applications. The material is extremely strong and rigid, has a very wide temperature performance and is inherently flame-retardant with excellent chemical and corrosion resistance.

## I ow Maintenance

With a single range of rugged products, using common parts and very stable, long-life sensing elements, maintenance is reduced to an absolute minimum. Next time you want to protect a new plant or upgrade an existing gas detection system, fit SensePoint combustible and toxic sensors with confidence. SensePoint represents the best value for money and lowest cost of ownership you will find in a high quality, industrial gas detection product.

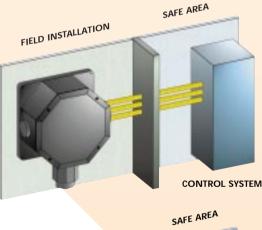


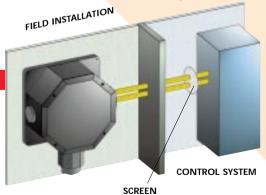
COMBUSTIBLE

Typical 5 year lifetime

SENSEPOINT

- % LEL and PPM detection options
- Excellent output signal and stability
- Self contained sensor unit with easy simple exchange





### SENSEPOINT

## TOXIC

- Pre-calibrated for easy installation
- Local intrinsic safety ensures: Very fast speed of response Exchangeable electrochemical cells while underpower Certified versions of 'sticky' gases Cl<sub>2</sub>,

NH<sub>2</sub> etc.

No need for additional safety barriers