

ZYTEQ Fire, based in Cape Town, South Africa, designs and manufactures fire detection products for the local and international markets.

We partner with some of the worlds leading brands to offer our customers full fire detection solutions for all applications.

Our ZYTEQ manufacturing facility in Cape Town is certified to ISO9001 (2015) and our products are approved to the European EN54 standards.

ZYTEQ is committed to supplying our customers with products that are easy to use and competitively priced whilst offering the highest standards of quality and reliability.

Our team of manufacturing and engineering staff are highly skilled and experienced in the international fire detection industry.

Contact us today to see how we can assist with your application.



**ZYTEQ***fire*  
MERIMNA SENSE® THE NEW WAY OF SENSING FIRE

## CONVENTIONAL DETECTORS

**ZYTEQ Fire, a proudly South African company** with decades of experience in the design and manufacture of world class fire detection products, brings you the very latest in Conventional Fire Detection technology.

Our conventional detection systems offers unrivalled reliability featuring the latest microprocessor technology to improve performance and ease of use:

- Elegant styling
- Unique serial number per device stored in memory
- Dual LED's for 360° visibility (Flash Green for healthy, Flash Red for service)
- Drift Compensation for increased cleaning intervals
- Rate of rise heat detection
- Access to detector data via RFID reader and smartphone App
- Integrated design (Smoke Detection, Sounder and Beacon in a single device)
- External LED facility
- Easy to install

CONVENTIONAL DETECTORS



ZC910 CONVENTIONAL OPTICAL DETECTOR

The **Conventional Optical Smoke Detector** is designed to provide an early response to a wide range of slow burning, smoldering fires, providing reliable sensing for most conventional fire alarm applications. The detectors aesthetic design and proven stability in air movements associated with air conditioning systems, have made it an ideal selection for modern building interiors. CE Certified.

Model Number:	<b>ZC910</b>	Current Consumption		Temperature Range:	<b>-10°C to 50°C</b>
Design Specification:	<b>EN 54-7</b>	at 24V (Quiescent):	<b>136µA @ 24Vdc</b>	Relative Humidity:	<b>&gt;95%</b>
Operation:	<b>Smoke Detection Light Scatter</b>	at 24V (Fault):	<b>106mA @ 24Vdc</b>	Built-in LED	<b>2 Green – Device Healthy - Slow flash</b> <b>2 Red – Service – Flash</b> <b>– Fire – Continuous</b>
Operating Voltage:	<b>9-30Vdc</b>	at 24V (Alarm):	<b>106mA @ 24Vdc</b>	Size:	<b>107mm (d) x 54mm (h)</b>
				Weight:	<b>110g</b>
				Material/Colour:	<b>ABS White</b>



ZC920 CONVENTIONAL ROR HEAT DETECTOR

The **58°C detector** is a rate compensated heat detector for use in areas where smoke detection would be likely to produce false alarms, for example in kitchens and shower rooms. The detector meets the class A1 requirements of EN 54 Part 5. The detector has rate of rise algorithms for alarm trigger from any starting temperature starting at -10 degrees Celsius to its static trigger point of 58 degrees Celsius. CE Certified.

Model Number:	<b>ZC920</b>	Current Consumption		Temperature Range:	<b>-10°C to 50°C</b>
Design Specification:	<b>EN 54-5 Class A1</b>	at 24V (Quiescent):	<b>&lt;60µA @ 24Vdc</b>	Relative Humidity:	<b>&gt;95%</b>
Operation:	<b>Rate compensated heat detector</b>	at 24V (Fault):	<b>Max &lt;50mA @ 24Vdc (Limited by Control Panel)</b>	Built-in LED	<b>2 Green – Device Healthy - Slow flash</b> <b>2 Red – Service – Flash</b> <b>– Fire – Continuous</b>
Operating Voltage:	<b>9-30Vdc</b>	at 24V (Alarm):	<b>Max &lt;50mA @ 24Vdc (Limited by Control Panel)</b>	Size:	<b>107mm (d) x 54mm (h)</b>
				Weight:	<b>110g</b>
				Material/Colour:	<b>ABS White</b>



ZC931 CONVENTIONAL OPTICAL SMOKE / SOUNDER / VISUAL INDICATOR

The **ZC931 Conventional Optical Smoke Sounder Visual Indicator** has an integrated Sounder and Visual Indicator. It is designed to provide an early response to a wide range of slow burning, smouldering fires, providing reliable sensing for most conventional fire alarm applications with visual and audible notification of a fire condition. The integrated design provides an aesthetic unobtrusive solution for modern building interiors. The sounder and visual components are connected to the sounder output of the control panel and the detector connected to the detector zones. The sounder is able to emit either an alarm or evacuation tone if set at the control panel. CE Certified.

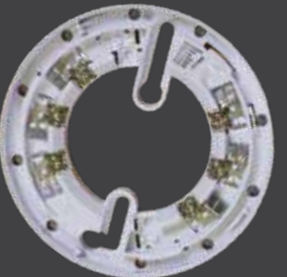
Model Number:	<b>ZC931</b>	Current Consumption		Temperature Range:	<b>-10°C to 75°C</b>
Design Specification:	<b>EN 54-7</b> <b>EN 54-3 Type A</b>	at 24V (Quiescent):	<b>135µA @ 24Vdc, 528mW</b>	Relative Humidity:	<b>&gt;95%</b>
Operation:	<b>Smoke Detection - Light Scatter</b> <b>Sounder - Piezo Electric</b>	at 24V (Fault):	<b>135mA @ 24Vdc (Short circuit is limited by Control Panel)</b>	Built-in LED	<b>2 Green – Device Healthy - Slow flash</b> <b>2 Red – Service – Flash</b> <b>– Fire – Continuous</b>
Operating Voltage:	<b>19-26Vdc</b>	at 24V (Alarm):	<b>22mA @ 24Vdc (On sounder circuit, zonal alarm current is limited by control panel)</b>	Size:	<b>107mm (d) x 54mm (h)</b>
				Weight:	<b>120g</b>
				Material/Colour:	<b>ABS White</b>



ZC CONVENTIONAL DETECTOR BASE

The **ZC Conventional Detector Base**, allows any compatible conventional detector to be removed or replaced without disconnecting wiring from detector terminals. Detectors plug into the base units with a simple twist and lock action, allowing quick and easy removal for cleaning and servicing, or reselection of detector type should the usage of the protected area change.

Model Number:	<b>ZCBASE</b>	Operating Voltage:	<b>9-30Vdc</b>	Dimensions:	<b>107mm (d) x 15mm (h)</b>
Design Specification:	<b>EN 54 (with relevant detector)</b>	Temperature Range:	<b>-10°C to 75°C</b>	Weight:	<b>36g</b>
Compatibility:	<b>All compatible conventional detector systems</b>	Relative Humidity:	<b>&lt;95%</b>	Material/Colour:	<b>ABS White</b>
Wiring:	<b>2 wire zonal – open circuit monitored terminals for remote LED</b>	External LED	<b>Terminal 1 negative (-)</b>		



ZCS CONVENTIONAL DETECTOR/SOUNDER BASE

The **ZCS Conventional Sounder Detector Base**, allows the ZC931 conventional detector/sounder/visual indicator to be removed or replaced without disconnecting wiring from detector terminals. Detectors plug into the base units with a simple twist and lock action, allowing quick and easy removal for cleaning and servicing, or reselection of detector type should the usage of the protected area change.

Model Number:	<b>ZCSBASE</b>	Operating Voltage:	<b>9-30Vdc</b>	Dimensions:	<b>107mm (d) x 15mm (h)</b>
Design Specification:	<b>EN 54 (with relevant detector)</b>	Temperature Range:	<b>-10°C to 75°C</b>	Weight:	<b>38g</b>
Compatibility:	<b>All compatible conventional detector/sounder systems</b>	Relative Humidity:	<b>&lt;95%</b>	Material/Colour:	<b>ABS White</b>
Wiring:	<b>2 wire zonal – open circuit monitored terminals for remote LED</b>	External LED	<b>Terminal 1 negative (-)</b>		