

DD-SCIENTIFIC AIR QUALITY



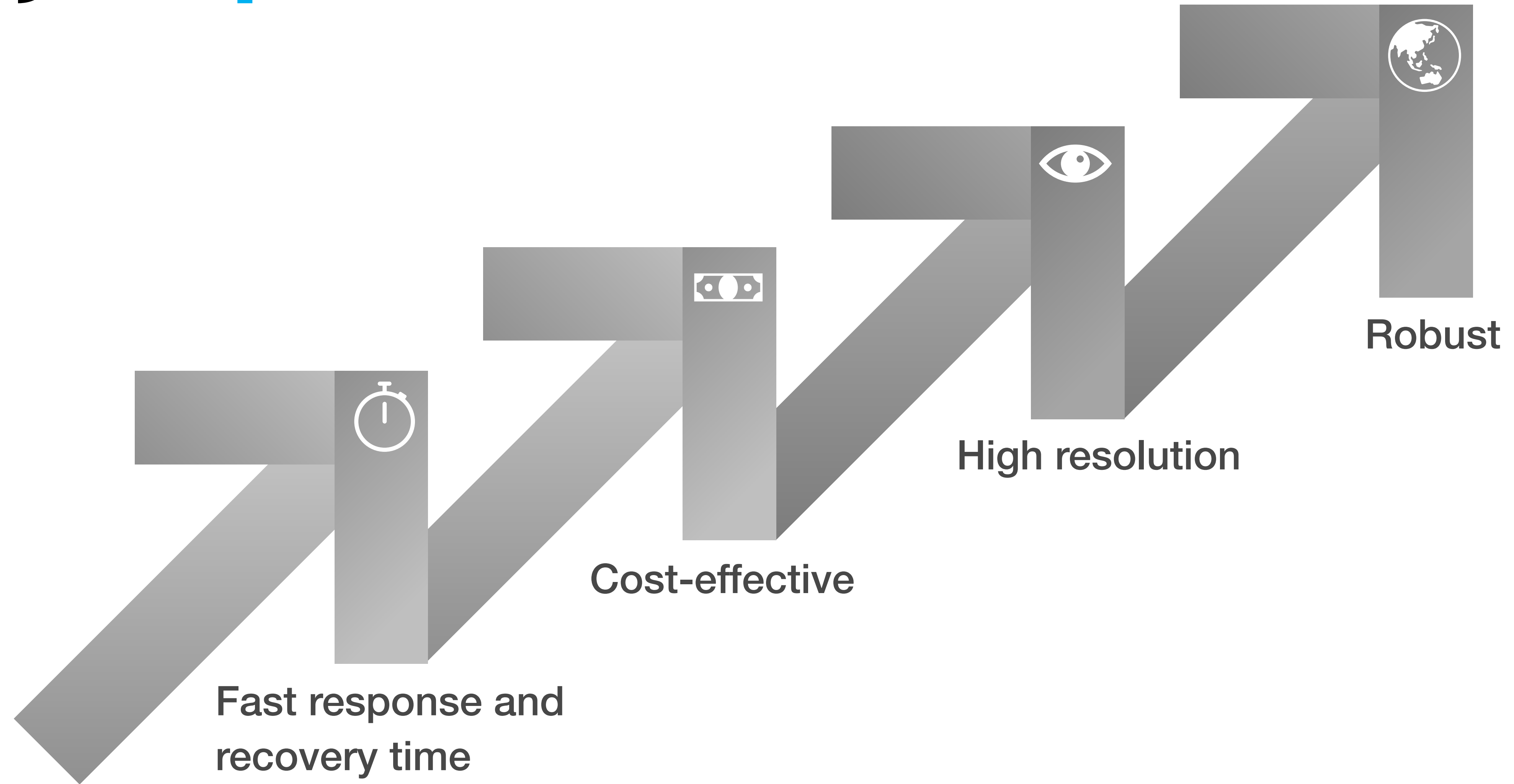
2023

AIR QUALITY

Concern continues to grow about the level of pollution in the air we breathe and DD-Scientific have responded to this need with a range of high performance sensors for the key gases of interest. Our AQ+ range provides high resolution and robust environmental measurement of CO, NO₂, SO₂ and O₃.



Key aspects.

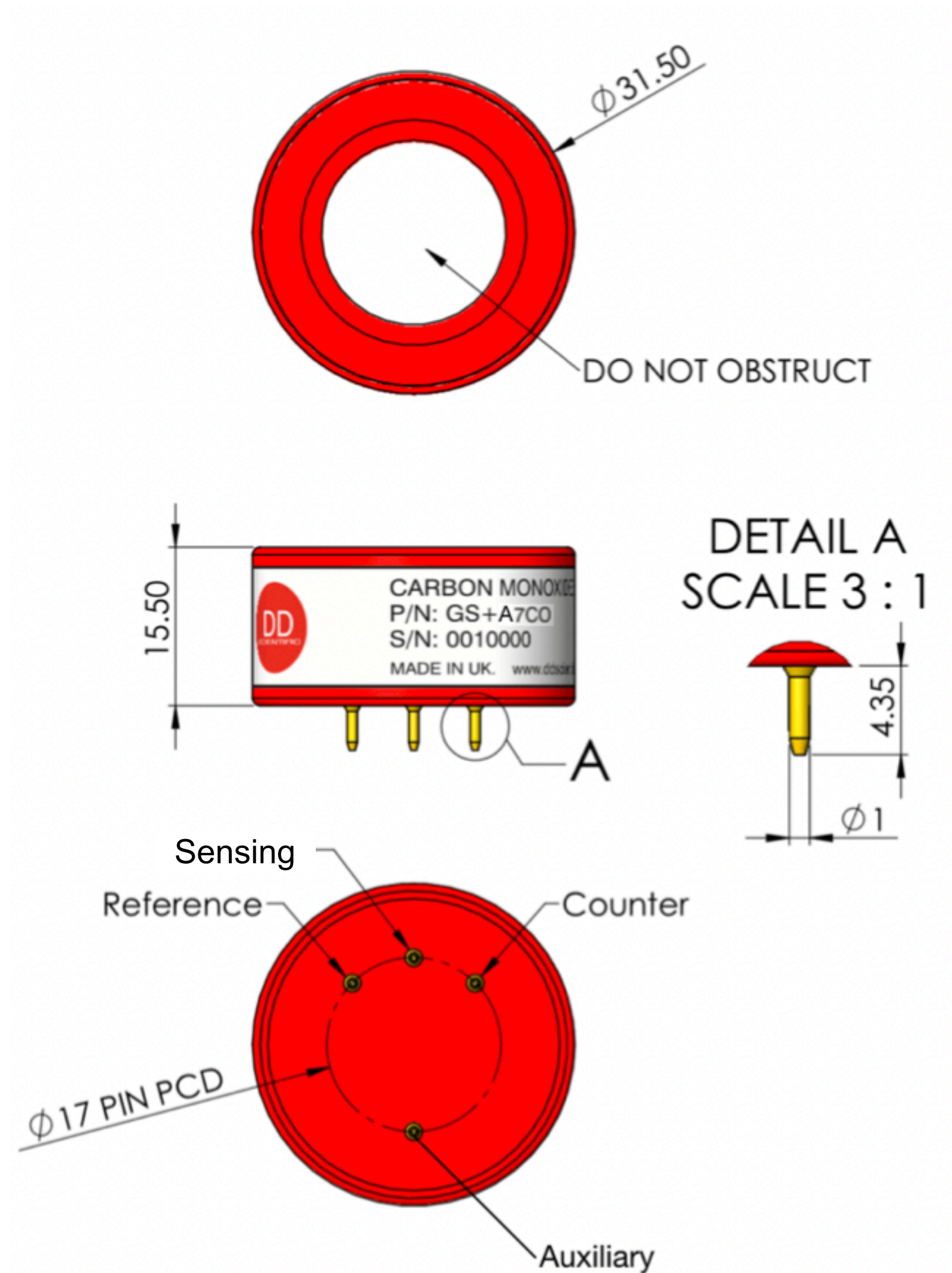


Specifications.

				
	AQ+7CO	AQ+7SO2	AQ+7NO2	AQ+7O3
Target Gas	Carbon Monoxide	Sulphur Dioxide	Nitrogen Dioxide	Ozone
Measurement Range / ppm	0 - 20 ppm	0 - 5 ppm	0 - 2 ppm	0 - 2 ppm
Output nA / ppm	400 ± 100 nA / ppm	550 ± 150 nA / ppm	550 ± 150 nA / ppm	550 ± 150 nA / ppm
T90 Response Time	< 30 seconds	< 60 seconds	< 60 seconds	< 60 seconds
Warranty*	12 Months	12 Months	12 Months	12 Months

*Warranty subject to DD-Scientific general terms and conditions of sale.

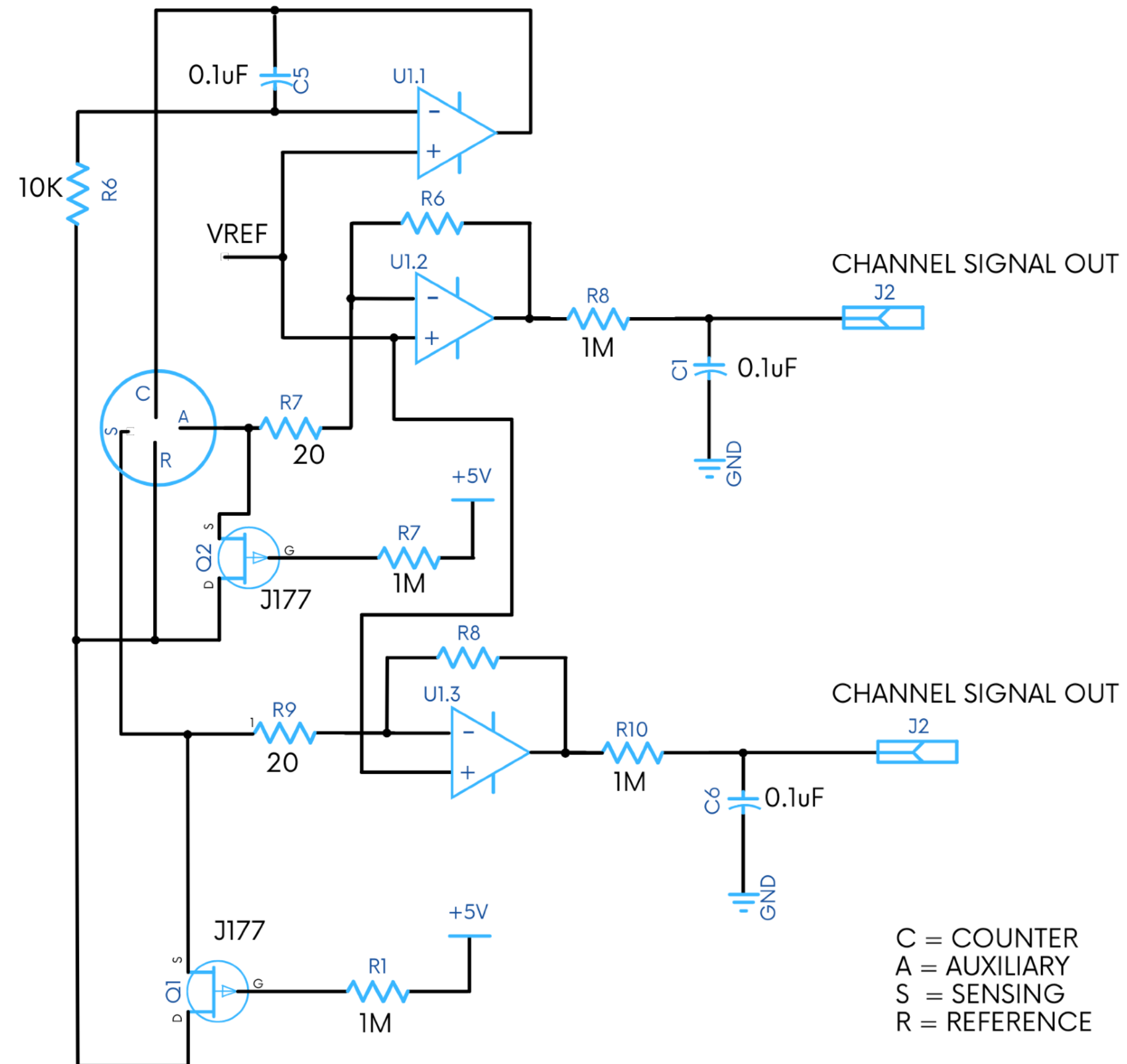
Outline Dimensions.



Product Dimensions
All dimensions in mm

Circuit Diagrams.

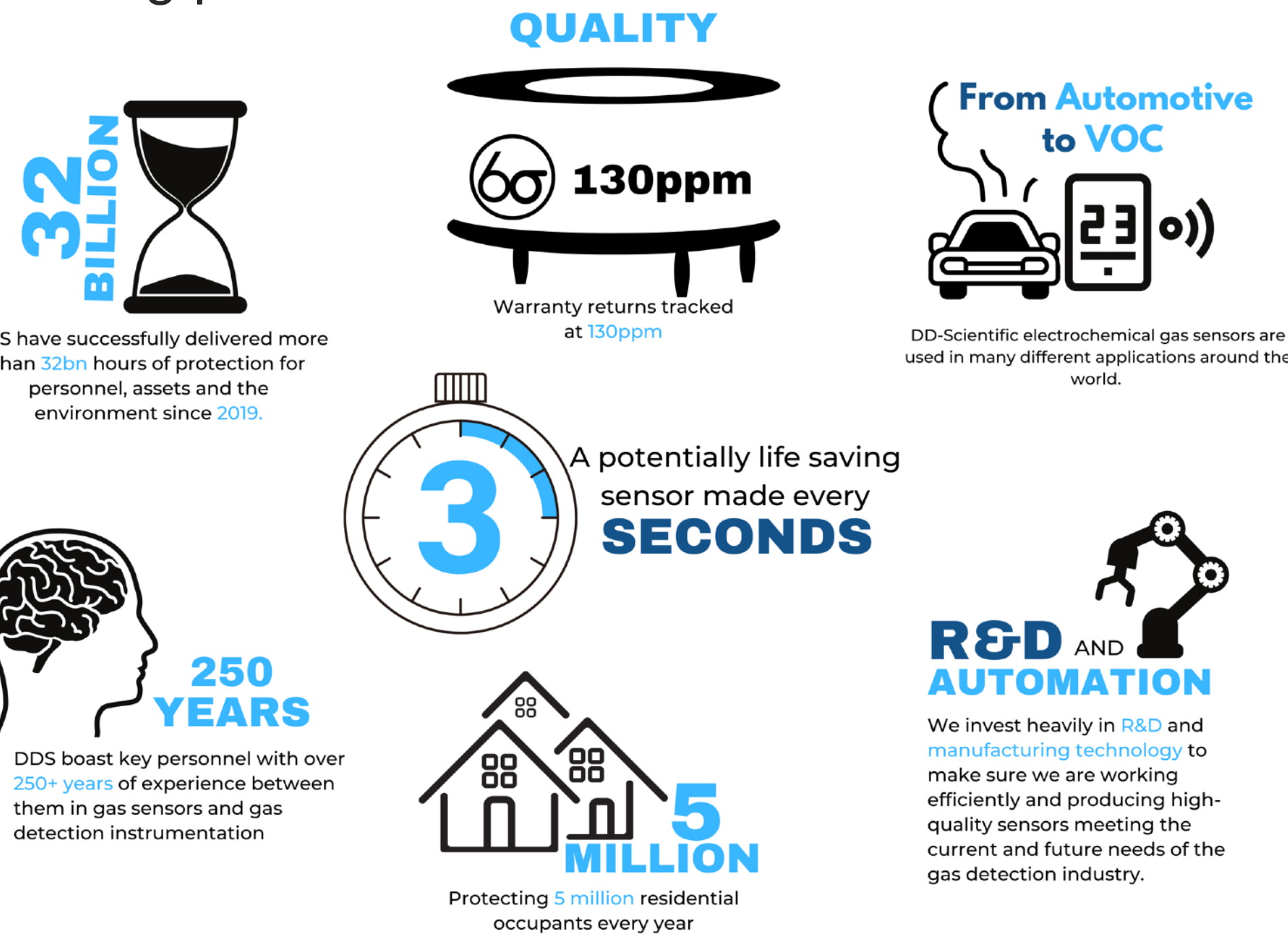
AQ SENSOR CIRCUIT



About DDS.

DDS is a fast growing sensor manufacturer. Founded by Daniel Davies in 2011, we are now producing a potentially life-saving gas sensor every 3 seconds.

Our founding goal was to bring sensors of high quality and consistent performance at competitive prices to the marketplace. We achieve this by investing in new technologies and manufacturing equipment, and designing sensors from the start to be as simple as possible to manufacture whilst not sacrificing performance.



Portfolio of packages
Portfolio of Gases

O₂ CO H₂S SO₂ NH₃ NO₂ Cl₂ C₂H₄O NO H₂ O₃

