



Acam Instrumentation Ltd

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We have over 40 years experience in making transducers.

Strain Gauges are available in either ceramic, foil or semiconductor versions.



Typical Ceramic Strain Gauge

Ceramic & Foil Strain Gauges are a low cost medium gauge factor.

Backed semiconductor strain gauges can be utilised where an increased output is required. They are available with a gauge resistance of 1000 ohms and a gauge factor of 155.

Acam have over 40 years experience of manufacturing strain gauges designing devices from miniature pressure transducers, load cells, torque transducers to on-site gauging of capital equipment.

We can design transducers to customer requirements or draw from over two hundred in-house designs.

We need detailed descriptions of the applications including; measured range, end fittings, size restraints, electrical interference, expected accuracy, life requirements and a description of the expected environmental conditions such as temperature, vibration, shock and any contaminants.

We can strain gauge customers metalwork in order to produce a transducer providing the metal is of a suitable specification.

Strain Gauges