Strain gauge

BB (BAB) 250°C Series

Karma foil strain gauges with Glass Fibre Reinforced Polyimide Backing. Offers an excellent heat resistance, good insulation and high stability. The strain gauges are primarily used for both high precision stress analysis and accurate transducers with a usage temperature up to 250℃ .

BYM Series

Fully encapsulated Constantan foil strain gauges with a special thin polyimide film backing. Offers both Self–Temperature (or elastic modulus) and creep compensation simultaneously. Has a high elongation rate and excellent heat resistance on a wide temperature range and low hydroscopicity. Shows good specifications for creep and zero–return. The strain gauges are primarily intended for high accuracy transducers at class 3 or better.

ZYM Series

Fully encapsulated Karma foil strain gauges with a special thin polyimide film backing. Offers both Self–Temperature (or elastic modulus) and creep compensation simultaneously. Has high accuracy and excellent stability over a wide temperature range and high moisture resistant capability. Has a low hydroscopicity and shows good specifications for creep and zero return. In addition it can realise high resistances with small size strain gauges which makes it excellent for usage in low power devices. The strain gauges are primarily intended for high accuracy transducers at class 3 or better.

BKM Series

Fully encapsulation Constantan foil strain gauge with a special PEEK film backing. Offers both Self–Temperature (or elastic modulus) and creep compensation simultaneously. Has high accuracy excellent stability and high moisture resistant capability. Shows good specifications for creep and zero return. The special PEEK film backing has an exceptional high toughness. The strain gauges are primarily intended for high accuracy transducers at class 3 or better.

BEB Series

Fully encapsulation Constantan foil strain gauge with a Glass fibre reinforced epoxy backing. Offers both Self–Temperature and creep compensation simultaneously. Has an elastic modulus compensated backing. Has an excellent creep and zero return, responds quickly to applied load and recovers directly to zero. In addition it has a high thermal stability and is used for high precision transducers and high precision aluminium scales.