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Find the *Bruel & Kjaer 4366* at our website: ***Click HERE***

Manufacturers' Specifications

Bruel & Kjaer 4366 - Accelerometer

Piezoelectric Charge Accelerometer

Charge sensitivity : 5 pC/ms^{-2} or 50 pC/g ± 2 % **
Voltage sensitivity : 4 mV/ms^{-2} or 40 mV/g ± 2 % **

Mounted resonance : 16 kHz
Frequency range - 5 % : 0.2 Hz to 5000 Hz
Frequency range - 10 % : 0.1 Hz to 8000 Hz

Capacitance - typical : 1100 pF excluding cable

Max transverse sensitivity : < 2 %
Piezoelectric material : PZ23
Construction : Delta shear

Typical temperature transient sensitivity : 0.02 ms^{-2}/°
Typical magnetic sensitivity (50 Hz to 0.03T) : 1 ms^{-2}/tesla
Typical acoustic sensitivity (154 dB SPL) : 0.001 ms^{-2}
Minimum leakage resistance at 20 °C : 20 GΩ
Ambient temperature range : -74 to 250 °C

Maximum operational shock (Peak) : ± 20 kms^{-2};
Maximum continuous sinusoidal acceleration (Peak) : 20 kms^{-2}
Maximum acceleration (Peak) with mounting magnet : 50 kms^{-2}

Electrical Connector : 10-32 UNF, side entry
Recommended cable : AO 0038

Mechanical
Mounting thread : 10-32 UNF, 3.2 mm deep
Mounting torque : 1 Nm, max = 2 Nm, min = 0.5 Nm
Dimensions - body : 16 mm diameter
Dimensions - overall height : 19 mm
Dimension - across base flats : 16 mm - spanner size
Case Material : Stainless steel
Weight : 28 g

** Individual specifications given in the calibration chart

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