

7132

Energy compensated gm detector

GENERAL SPECIFICATIONS

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|---|---------------------|
| MAXIMUM LENGTH (INCH/MM) | 2.31/58.8 |
| MAXIMUM DIAMETER (INCH/MM) | 0.48/12.2 |
| GAS FILLING | Ne +Halogen |
| EFFECTIVE LENGTH (INCH/MM) | 1.1/27.9 |
| CATHODE MATERIAL (INTERNAL/EXTERNAL) | 446 Stainless Steel |
| EFFECTIVE DIAMETER (INCH/MM) | 0.308/7.82 |
| CONNECTOR | Pin |
| OPERATING TEMPERATURE RANGE °C | -10 to +95 |

ELECTRICAL SPECIFICATIONS

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| RECOMMENDED OPERATING VOLTAGE (VOLTS) | 500 |
| RECOMMENDED ANODE RESISTOR (MEG OHM) | 3.3 |
| OPERATING VOLTAGE RANGE (VOLTS) | 450 - 650 |

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|---|-----|
| MAXIMUM PLATEAU SLOPE (%/100 VOLTS) | 8 |
| MINIMUM DEAD TIME (MICRO SEC) | 45 |
| GAMMA SENSITIVITY CO60 (CPS/mR/HR) | 7.5 |
| TUBE CAPACITANCE (PF) | 3 |
| WEIGHT (GRAMS) | 23 |
| MAXIMUM BACKGROUND SHIELDED 50MM PB + 3MM AL (CPM) | 4 |
| MAXIMUM STARTING VOLTAGE (VOLTS) | 380 |
| MINIMUM ANODE RESISTOR (MEG OHM) | 2.2 |

FILTER SPECIFICATIONS

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|----------------------------|----------|
| MATERIAL | Sn |
| THICKNESS (INCH/MM) | 0.08/2.0 |

WALL SPECIFICATIONS

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|--|------------|
| THICKNESS (INCH/MM) | 0.002/0.05 |
| AREAL DENSITY (MG/CM²) | 40 |





