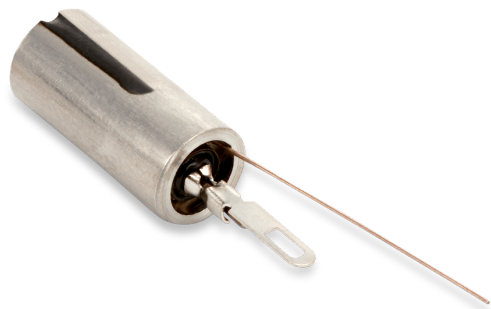


71611

Energy independent gm detector



GENERAL SPECIFICATIONS

| | |
|---|---------------------|
| MAXIMUM LENGTH (INCH/MM) | 1.08/27.4 |
| MAXIMUM DIAMETER (INCH/MM) | 0.37/9.3 |
| GAS FILLING | Ne +Halogen |
| EFFECTIVE LENGTH (INCH/MM) | 0.25/6.35 |
| CATHODE MATERIAL (INTERNAL/EXTERNAL) | 446 Stainless Steel |
| EFFECTIVE DIAMETER (INCH/MM) | 0.19/4.8 |
| CONNECTOR | Pin |
| OPERATING TEMPERATURE RANGE °C | -10 to +75 |

ELECTRICAL SPECIFICATIONS

| | |
|--|-----------|
| RECOMMENDED OPERATING VOLTAGE (VOLTS) | 500 |
| RECOMMENDED ANODE RESISTOR (MEG OHM) | 3.3 |
| OPERATING VOLTAGE RANGE (VOLTS) | 450 - 600 |
| MAXIMUM PLATEAU SLOPE (%/100 VOLTS) | 30 |
| MINIMUM DEAD TIME (MICRO SEC) | 20 |
| GAMMA SENSITIVITY CO60 (CPS/mR/HR) | 0.26 |
| TUBE CAPACITANCE (PF) | 3 |
| WEIGHT (GRAMS) | 8 |
| MAXIMUM BACKGROUND SHIELDED 50MM PB + 3MM AL (CPM) | 2 |
| MAXIMUM STARTING VOLTAGE (VOLTS) | 380 |
| MINIMUM ANODE RESISTOR (MEG OHM) | 2.2 |

FILTER SPECIFICATIONS

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

WALL SPECIFICATIONS

| | |
|-------------------------------------|------------|
| THICKNESS (INCH/MM) | 0.005/0.13 |
| AREAL DENSITY (MG/CM ²) | 90 |

