

52113

Gamma ionization chamber

## GENERAL SPECIFICATIONS

|                                      |                 |
|--------------------------------------|-----------------|
| MAXIMUM LENGTH (INCH/MM)             | 6.1/154.9       |
| MAXIMUM DIAMETER (INCH/MM)           | 0.63/16.0       |
| EFFECTIVE LENGTH (INCH/MM)           | 3.38/85.9       |
| CATHODE MATERIAL (INTERNAL/EXTERNAL) | Stainless Steel |
| FILL GAS                             | Nitrogen        |
| FILL PRESSURE (TORR)                 | 7600            |
| EFFECTIVE VOLUME (CM <sup>3</sup> )  | 17.0            |
| OUTER CASING MATERIAL                | N/A             |
| ANODE CONNECTOR                      | Flying Lead     |
| CATHODE CONNECTOR                    | Flying Lead     |
| GUARD CONNECTOR                      | Flying Lead     |

## OPERATING CHARACTERISTICS

|                                               |             |
|-----------------------------------------------|-------------|
| RECOMMENDED OPERATING VOLTAGE (VOLTS)         | 500         |
| OPERATING TEMPERATURE RANGE °C                | -40 to +100 |
| MAXIMUM OPERATING VOLTAGE (VOLTS)             | 2000        |
| GAMMA SENSITIVITY (A/R/HR - CO60)             | 2.5E-11     |
| RESISTANCE - SIGNAL ELECTRODE TO GUARD (OHMS) | >1.0E13     |
| RESISTANCE - HV ELECTRODE TO GUARD (OHMS)     | >1.0E13     |

