

52011

End window beta-gamma ionization chamber

GENERAL SPECIFICATIONS

MAXIMUM LENGTH (INCH/MM)	2.50/63.5
MAXIMUM DIAMETER (INCH/MM)	1.75/44.5
EFFECTIVE LENGTH (INCH/MM)	1.62/41.0
CATHODE MATERIAL (INTERNAL/EXTERNAL)	Aluminum
FILL GAS	Krypton
FILL PRESSURE (TORR)	1520
ANODE CONNECTOR	Solder Lug
CATHODE CONNECTOR	Solder Lug
GUARD CONNECTOR	Solder Lug
STORAGE TEMPERATURE RANGE (°C)	-40 to 100
MINIMUM SHELF LIFE (YEARS)	2

WINDOW SPECIFICATIONS

MATERIAL	Aluminum
THICKNESS (INCH/MM)	.012/.304
EFFECTIVE DIAMETER (INCH/MM)	1.5/38.1

OPERATING CHARACTERISTICS

RECOMMENDED OPERATING VOLTAGE (VOLTS)	500
OPERATING TEMPERATURE RANGE °C	25 to 85
MAXIMUM OPERATING VOLTAGE (VOLTS)	800
GAMMA SENSITIVITY (A/R/HR - CO60)	1.0E-10
RESISTANCE - CATHODE TO GUARD (OHMS)	>1.0E12
RESISTANCE - SIGNAL TO GUARD (OHMS)	>1.0E14

