

520191

End window beta/gamma ionization chamber

GENERAL SPECIFICATIONS

MAXIMUM LENGTH (INCH/MM)	2.0/50.8
MAXIMUM DIAMETER (INCH/MM)	6.25/158.8
EFFECTIVE LENGTH (INCH/MM)	1.0/25.4
CATHODE MATERIAL (INTERNAL/EXTERNAL)	Aluminum
FILL GAS	Xenon
FILL PRESSURE (TORR)	1536
ANODE CONNECTOR	Threaded Pin
CATHODE CONNECTOR	Solder Pin
GUARD CONNECTOR	Solder Pin
STORAGE TEMPERATURE RANGE (°C)	-40 to +100
MINIMUM SHELF LIFE (YEARS)	2

WINDOW SPECIFICATIONS

MATERIAL	Aluminum
THICKNESS (INCH/MM)	0.012/0.3
EFFECTIVE DIAMETER (INCH/MM)	5.50/139.7

OPERATING CHARACTERISTICS

RECOMMENDED OPERATING VOLTAGE (VOLTS)	500
OPERATING TEMPERATURE RANGE °C	25 to 85
MAXIMUM OPERATING VOLTAGE (VOLTS)	1500
GAMMA SENSITIVITY (A/R/HR - CO60)	5.16E-10
GAMMA SENSITIVITY (CS137) (A/R/HR)	8.8E-10
RESISTANCE - SIGNAL ELECTRODE TO GUARD (OHMS)	>1.0E13
RESISTANCE - CATHODE TO GUARD (OHMS)	>1.0E12

