

520183

End window high pressure gamma ionization chamber

GENERAL SPECIFICATIONS

MAXIMUM LENGTH (INCH/MM)	14.01/355.85
MAXIMUM DIAMETER (INCH/MM)	8.0/203.2
EFFECTIVE LENGTH (INCH/MM)	11.72/297.8
CATHODE MATERIAL (INTERNAL/EXTERNAL)	Aluminum
FILL GAS	Xenon
FILL PRESSURE (TORR)	4742
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)	0.39/10.0
EFFECTIVE DIAMETER (INCH/MM)	7.00/177.8

OPERATING CHARACTERISTICS

RECOMMENDED OPERATING VOLTAGE (VOLTS)	800
OPERATING TEMPERATURE RANGE °C	25 to 85
MAXIMUM OPERATING VOLTAGE (VOLTS)	2000
GAMMA SENSITIVITY (A/R/HR - CO60)	3.8E-8
RESISTANCE - SIGNAL ELECTRODE TO GUARD (OHMS)	>1.0E12
RESISTANCE - CATHODE TO GUARD (OHMS)	>1.0E11

