

52019

End window gamma ionization chamber

GENERAL SPECIFICATIONS

MAXIMUM LENGTH (INCH/MM)	3.27/83.06
MAXIMUM DIAMETER (INCH/MM)	4.0/101.6
EFFECTIVE LENGTH (INCH/MM)	2.0/50.8
CATHODE MATERIAL (INTERNAL/EXTERNAL)	Aluminum
FILL GAS	Xenon
FILL PRESSURE (TORR)	800
ANODE CONNECTOR	Threaded Pin
CATHODE CONNECTOR	Solder Pin
GUARD CONNECTOR	Solder Pin
STORAGE TEMPERATURE RANGE (°C)	-20 to +75
MINIMUM SHELF LIFE (YEARS)	2

WINDOW SPECIFICATIONS

MATERIAL	Beryllium
THICKNESS (INCH/MM)	0.03/0.76
EFFECTIVE DIAMETER (INCH/MM)	3.5/88.9

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)	5.0E-10
RESISTANCE - SIGNAL ELECTRODE TO CATHODE (OHMS)	>1.0E14
RESISTANCE - HV ELECTRODE TO CATHODE (OHMS)	>1.0E12



