

520100

End window gamma ionization chamber

GENERAL SPECIFICATIONS

MAXIMUM LENGTH (INCH/MM)	2.09/53.2
MAXIMUM DIAMETER (INCH/MM)	1.5/38.1
EFFECTIVE LENGTH (INCH/MM)	1.15/29.1
CATHODE MATERIAL (INTERNAL/EXTERNAL)	Aluminum
FILL GAS	Xenon
FILL PRESSURE (TORR)	3800
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)	0.012/0.31
EFFECTIVE DIAMETER (INCH/MM)	1.19/30.2

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)	4.0E-11
RESISTANCE - SIGNAL ELECTRODE TO GUARD (OHMS)	>1.0E13
RESISTANCE - CATHODE TO GUARD (OHMS)	>1.0E12

