

4312

Steel window beta – gamma proportional counter

GENERAL SPECIFICATIONS

MAXIMUM LENGTH (INCH/MM)	2.94/74.7
MAXIMUM DIAMETER (INCH/MM)	2.11/53.6
GAS FILLING	Xenon
CATHODE MATERIAL (INTERNAL/EXTERNAL)	Stainless Steel
EFFECTIVE DIAMETER (INCH/MM)	1.75/44.45
CONNECTOR	Pin
OPERATING TEMPERATURE RANGE °C	-40 to +75
GAS PRESSURE (TORR)	1520
PATH LENGTH (INCH/MM)	0.50/12.7

WINDOW SPECIFICATIONS

MATERIAL	Stainless Steel
THICKNESS (INCH/MM)	0.001 / 0.025

AREAL DENSITY (MG/CM ²)	20
DIAMETER (INCH/MM)	1.75/44.45

ELECTRICAL SPECIFICATIONS

RECOMMENDED OPERATING VOLTAGE (VOLTS)	1650
OPERATING VOLTAGE RANGE (VOLTS)	1200 - 1800
GAMMA SENSITIVITY CO60 (CPS/mR/HR)	150
CAPACITANCE (PF)	3

