

4567

Beryllium window proportional counter

## GENERAL SPECIFICATIONS

<b>MAXIMUM LENGTH (INCH/MM)</b>	2.59/65.8
<b>GAS FILLING</b>	Xenon
<b>EFFECTIVE LENGTH (INCH/MM)</b>	1.821/46.25
<b>CATHODE MATERIAL (INTERNAL/EXTERNAL)</b>	Aluminum
<b>EFFECTIVE DIAMETER (INCH/MM)</b>	0.87/22.23
<b>CONNECTOR</b>	Pin
<b>OPERATING TEMPERATURE RANGE °C</b>	-40 to +75
<b>MAXIMUM WIDTH (INCH/MM)</b>	1.14/29.0
<b>GAS PRESSURE (TORR)</b>	800
<b>PATH LENGTH (INCH/MM)</b>	0.875/22.23

## WINDOW SPECIFICATIONS

<b>MATERIAL</b>	Beryllium
-----------------	-----------

<b>THICKNESS (INCH/MM)</b>	0.002/0.05
<b>AREAL DENSITY (MG/CM<sup>2</sup>)</b>	9.2
<b>DIMENSIONS (INCH/MM)</b>	0.65 x 0.96/16.5 x 24.4

## ELECTRICAL SPECIFICATIONS

<b>RECOMMENDED OPERATING VOLTAGE (VOLTS)</b>	1900
<b>OPERATING VOLTAGE RANGE (VOLTS)</b>	1800 - 2050
<b>CAPACITANCE (PF)</b>	3
<b>TYPICAL RESOLUTION (FWHM FE55)</b>	18



