

428

Quadrilateral side window proportional counter

## GENERAL SPECIFICATIONS

<b>MAXIMUM LENGTH (INCH/MM)</b>	7.44/188.98
<b>GAS FILLING</b>	Argon
<b>EFFECTIVE LENGTH (INCH/MM)</b>	5.36/136.14
<b>CATHODE MATERIAL (INTERNAL/EXTERNAL)</b>	Aluminum
<b>CONNECTOR</b>	MHV
<b>OPERATING TEMPERATURE RANGE °C</b>	-40 to +75
<b>MAXIMUM WIDTH (INCH/MM)</b>	2.0/50.8
<b>GAS PRESSURE (TORR)</b>	800
<b>EFFECTIVE WIDTH (INCH/MM)</b>	1.75/44.45
<b>PATH LENGTH (INCH/MM)</b>	1.75/44.45

## WINDOW SPECIFICATIONS

<b>MATERIAL</b>	Beryllium
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<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>	1.75 x 5.59/44.45 x 142.1

## ELECTRICAL SPECIFICATIONS

<b>RECOMMENDED OPERATING VOLTAGE (VOLTS)</b>	1850
<b>OPERATING VOLTAGE RANGE (VOLTS)</b>	1750 - 2000
<b>CAPACITANCE (PF)</b>	3
<b>TYPICAL RESOLUTION (FWHM FE55)</b>	16



