

425

Quadrilateral side window proportional counter

GENERAL SPECIFICATIONS

MAXIMUM LENGTH (INCH/MM)	7.4/187.96
GAS FILLING	Argon
EFFECTIVE LENGTH (INCH/MM)	4.75/120.65
CATHODE MATERIAL (INTERNAL/EXTERNAL)	Aluminum
CONNECTOR	MHV
OPERATING TEMPERATURE RANGE °C	-40 to +75
MAXIMUM WIDTH (INCH/MM)	2.0/50.8
GAS PRESSURE (TORR)	800
EFFECTIVE WIDTH (INCH/MM)	1.75/44.45
PATH LENGTH (INCH/MM)	1.75/44.45

WINDOW SPECIFICATIONS

MATERIAL	Beryllium
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THICKNESS (INCH/MM)	0.002/0.05
AREAL DENSITY (MG/CM ²)	9.2
DIAMETER (INCH/MM)	1.0/25.4

ELECTRICAL SPECIFICATIONS

RECOMMENDED OPERATING VOLTAGE (VOLTS)	1800
OPERATING VOLTAGE RANGE (VOLTS)	1700 - 1950
CAPACITANCE (PF)	3
TYPICAL RESOLUTION (FWHM FE55)	20



