

42830

Quadrilateral side window proportional counter

GENERAL SPECIFICATIONS

MAXIMUM LENGTH (INCH/MM)	2.5/63.5
GAS FILLING	Xenon
EFFECTIVE LENGTH (INCH/MM)	1.5/38.1
CATHODE MATERIAL (INTERNAL/EXTERNAL)	Aluminum
CONNECTOR	Flying Lead
OPERATING TEMPERATURE RANGE °C	-40 to +75
MAXIMUM WIDTH (INCH/MM)	1.69/42.93
GAS PRESSURE (TORR)	1140
EFFECTIVE WIDTH (INCH/MM)	1.0/25.4
PATH LENGTH (INCH/MM)	1.0/25.4

WINDOW SPECIFICATIONS

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

ELECTRICAL SPECIFICATIONS

RECOMMENDED OPERATING VOLTAGE (VOLTS)	1950
OPERATING VOLTAGE RANGE (VOLTS)	1850 - 2100
CAPACITANCE (PF)	3
TYPICAL RESOLUTION (FWHM FE55)	18



