

262

Quadrilateral he3 detector

GENERAL SPECIFICATIONS

MAXIMUM LENGTH (INCH/MM)	11.38/289.05
EFFECTIVE LENGTH (INCH/MM)	8.0/203.2
CATHODE MATERIAL (INTERNAL/EXTERNAL)	Aluminum
CONNECTOR	HN
OPERATING TEMPERATURE RANGE °C	-50 to +100
MAXIMUM WIDTH (INCH/MM)	1.0/25.4
GAS PRESSURE (TORR)	3040
EFFECTIVE VOLUME (CM³)	99.16
EFFECTIVE WIDTH (INCH/MM)	0.87/22.1

ELECTRICAL SPECIFICATIONS

RECOMMENDED OPERATING VOLTAGE (VOLTS)	1250
OPERATING VOLTAGE RANGE (VOLTS)	1100 - 1400

MAXIMUM PLATEAU SLOPE (%/100 VOLTS)	1
TUBE CAPACITANCE (PF)	7
WEIGHT (GRAMS)	198
MAXIMUM RESOLUTION (% FWHM)	10

THERMAL NEUTRON SENSITIVITY

SENSITIVITY (CPS/NV)	24.3
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