

252129

Gamma detector

GENERAL SPECIFICATIONS

MAXIMUM LENGTH (INCH/MM)	6.60/167.64
MAXIMUM DIAMETER (INCH/MM)	1.0/25.4
EFFECTIVE LENGTH (INCH/MM)	5.0/127.0
CATHODE MATERIAL (INTERNAL/EXTERNAL)	Stainless Steel
EFFECTIVE DIAMETER (INCH/MM)	0.96/24.38
CONNECTOR	Pin
OPERATING TEMPERATURE RANGE °C	-25 to +150
GAS PRESSURE (TORR)	3040
EFFECTIVE VOLUME (CM³)	59.28

ELECTRICAL SPECIFICATIONS

RECOMMENDED OPERATING VOLTAGE (VOLTS)	700
OPERATING VOLTAGE RANGE (VOLTS)	600 - 850

MAXIMUM PLATEAU SLOPE (%/100 VOLTS)	1
TUBE CAPACITANCE (PF)	8
WEIGHT (GRAMS)	200
MAXIMUM RESOLUTION (% FWHM)	8

THERMAL NEUTRON SENSITIVITY

SENSITIVITY (CPS/NV)	18.0
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