

252139

Gamma detector

GENERAL SPECIFICATIONS

MAXIMUM LENGTH (INCH/MM)	3.46/87.8
MAXIMUM DIAMETER (INCH/MM)	1.0/25.4
EFFECTIVE LENGTH (INCH/MM)	2.02/51.3
CATHODE MATERIAL (INTERNAL/EXTERNAL)	Stainless Steel
EFFECTIVE DIAMETER (INCH/MM)	0.96/24.4
CONNECTOR	Pin
OPERATING TEMPERATURE RANGE °C	-50 to +100
GAS PRESSURE (TORR)	7600
EFFECTIVE VOLUME (CM³)	23.95
CONNECTOR THREAD	11/16 - 24NF - 2A

ELECTRICAL SPECIFICATIONS

RECOMMENDED OPERATING VOLTAGE (VOLTS)	1100
--	------

OPERATING VOLTAGE RANGE (VOLTS)	1000 - 1250
MAXIMUM PLATEAU SLOPE (%/100 VOLTS)	1
TUBE CAPACITANCE (PF)	8
WEIGHT (GRAMS)	38
MAXIMUM RESOLUTION (% FWHM)	8

THERMAL NEUTRON SENSITIVITY

SENSITIVITY (CPS/NV)	11.0
----------------------	------

