

25139

Cylindrical he3 neutron detector

THERMAL NEUTRON SENSITIVITY

SENSITIVITY (CPS/NV)	13
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GENERAL SPECIFICATIONS

MAXIMUM LENGTH (INCH/MM)	6.64/168.6
MAXIMUM DIAMETER (INCH/MM)	0.75/19.05
EFFECTIVE LENGTH (INCH/MM)	5.0/127.0
CATHODE MATERIAL (INTERNAL/EXTERNAL)	Stainless Steel
EFFECTIVE DIAMETER (INCH/MM)	0.71/18.03
CONNECTOR	Pin
OPERATING TEMPERATURE RANGE °C	-25 to +150
GAS PRESSURE (TORR)	2666
EFFECTIVE VOLUME (CM³)	32.42

ELECTRICAL SPECIFICATIONS

RECOMMENDED OPERATING VOLTAGE (VOLTS)	650
OPERATING VOLTAGE RANGE (VOLTS)	550 - 800
MAXIMUM PLATEAU SLOPE (%/100 VOLTS)	1
TUBE CAPACITANCE (PF)	3
WEIGHT (GRAMS)	100
MAXIMUM RESOLUTION (% FWHM)	6

