

252111

Cylindrical high temperature he3 neutron detector

GENERAL SPECIFICATIONS

MAXIMUM LENGTH (INCH/MM)	9.34/237.24
MAXIMUM DIAMETER (INCH/MM)	1.0/25.4
EFFECTIVE LENGTH (INCH/MM)	6.0/152.4
CATHODE MATERIAL (INTERNAL/EXTERNAL)	Stainless Steel
EFFECTIVE DIAMETER (INCH/MM)	0.93/23.62
CONNECTOR	SHV
OPERATING TEMPERATURE RANGE °C	-50 to +150
GAS PRESSURE (TORR)	3040
EFFECTIVE VOLUME (CM³)	66.76

ELECTRICAL SPECIFICATIONS

RECOMMENDED OPERATING VOLTAGE (VOLTS)	1200
OPERATING VOLTAGE RANGE (VOLTS)	1100 - 1300

MAXIMUM PLATEAU SLOPE (%/100 VOLTS)	1
TUBE CAPACITANCE (PF)	8
WEIGHT (GRAMS)	200
MAXIMUM RESOLUTION (% FWHM)	10

THERMAL NEUTRON SENSITIVITY

SENSITIVITY (CPS/NV)	21.0
----------------------	------

