ING- 061

Gas-filled tube based pulsed neutron generator for logging equipment

THE GENERATOR DESIGN INCLUDES:

- neutron emission unit;
- power supply and control unit.

Both units are housed in the metal cylinders having the same diameter.

Electric power is supplied to the generators from 200 V DC source, and control is exercised either by supplying positive polarity voltage (5 V) or via the built-in RS232 standard serial interface:

ING-061 TECHNICAL CHARACTERISTICS:

Neutron flux, neutron/sec	$1x10^8$
Neutron pulse width, μsec	20-100
Frequency, Hz	400-10000
Operating life time, h	300
Power consumption, W	not more than 30
Neutron emission unit dimensions:	
Diameter, mm	70
Length, mm	1260
Maximum operating temperature, °C	+120

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