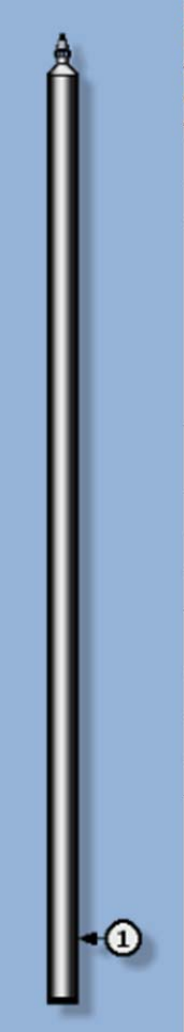


CENTURY GEOPHYSICAL LLC.  
PRODUCT DESCRIPTION

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## 9012 Natural Gamma Logging Tool



**Background Information**

Used when the natural gamma log is required. This tool's slim design permits logging in small diameter boreholes and through steel or PVC drill pipe of 2 inch inside diameter or larger. The sensor is located near the bottom of the tool to permit data acquisition near the total depth of the borehole. This tool can also be used with a spacer and gamma source to record 4p Density

Features	
Properties Measured (see diagram)	Tool Specifications
<b>1. Natural Gamma:</b> 2.2 x 10.2 cm (0.875 x 4.0 in.) NAI Scintillation Offset: 101 cm (40.8 in.)	<b>Length:</b> 128.9 cm (50.75 in.) <b>Temperature:</b> 85 C (185 F) <b>Diameter:</b> 41 mm (1.625 in.) <b>Pressure:</b> 281 kg/cm <sup>2</sup> (4000 PSI) <b>Weight:</b> 7.46 kg (20 lb.) <b>Logging Speed:</b> 9 m/min. (30 ft./min.) <b>Tool Voltage Required:</b> 36 VDC

Sensor Response Ranges		
Sensor	Response Limits	Accuracy
Natural Gamma (NG)	0 - 400,000 API units	+/-5%

Tool Information		
Item	Part #	Part #
Tool with NG	9012	318400B