

NEGATIVE PULSE MWD TOOLSTRING

The Azimuth Negative Pulse MWD System is a new generation Directional/Gamma toolstring with the capability to support Resistivity data communications and transmission. Incorporating the latest technologies and features, this rugged and reliable fixed collar mount system ensures that reliability

is delivered throughout the lifetime of the system. In addition to real-time shock and vibration, the system is also available with a 175DegC operating temperature for hot-hole applications.

When your number one priority is reliability, and you value simple system set-up, then the Negative Pulse MWD System is the clear choice.



Key features include:

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| ▶ Easy set-up and configuration | ▶ Quick-connect couplers |
| ▶ Adaptable to variable collar ID | ▶ Gamma and Resistivity support |
| ▶ Real-time shock and vibration | ▶ Automatic TF Enable/Disable (Rotation Detection) |
| ▶ Diagnostic data recording | ▶ High resolution Gamma data memory |

Description	Value	Units	Comments
General			
Transmission Type	Negative Pulse		
Mounting	Fixed		
Telemetry	Pulse Position Modulation		
Sensor Support	Directional, Gamma, Temperature, Shock/Vibration, Resistivity		
Flow Switch	Differential Pressure		
Power	Lithium Cells, Single D/Double D option		
Mechanical			
Collar/Sub Sizes (OD)	4.75 6.75 8.00 9.50	inches	
Diameter (Housing)	LP 1.895	inches	
	48.13	mm	
	HP 2.000	inches	
	50.80	mm	
Length	14.6 - 26.7	ft	Configuration dependant
	4.45 - 8.14	m	
Environmental			
Operating Temperature	-25 to 150 -13 to 302	°C °F	(see note 2)
Survival Temperature	-40 to 165 -40 to 329	°C °F	
Vibration	30 20	g pk g rms	50 – 1000Hz 50 – 1000Hz
Shock	1000	g	0.5mS Half Sine
Hydrostatic Pressure	15/20	kpsi	LP/HP Respectively
Maximum Flow Rate	1200	USGPM	Max
LCM Content	30	lbs/bbl	Max
Sand Content	<0.5	%	(see note 1)
Pressure Differential	500-4000 psi		
Notes: 1. May be de-rated with higher sand content. 2. 175°C option available			

Contact us

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Product Support

Azimuth Oilfield Systems Ltd. provides a responsive repair, calibration and product support service. Experienced personnel are available to troubleshoot or repair equipment, and provide general product technical assistance. If you need effective sensor support for your business, then contact support@azimuthmwd.com for more information.

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