



QDT MODULE

INC-35A **NEW**

CONTINUOUS INC MODULE

The INC-35A is the result of in-house development of Azimuth's proprietary Continuous INC hardware and processing algorithm, coupled with Tensor/QDT Compatible bus (QBus) communications.

Designed to be placed anywhere in the Tensor/QDT compatible string, or more frequently in close proximity to the Pulser Driver, the module is designed to provide accurate Static and Dynamic Inclination measurements closer to the bit.

As part of Azimuth's extended vibration range, the unit has been qualified to 50Grms vibration and rated to 2000g shock.

In addition to Tensor/QDT compatibility and support for qBus Generic Variables, the module provides TTL/RS485 and CanBus communications interfaces.

Precision Continuous INC

QBus Compatible

50Grms/2000G Rating

Ultra-short unit (8.0")

MWD Features

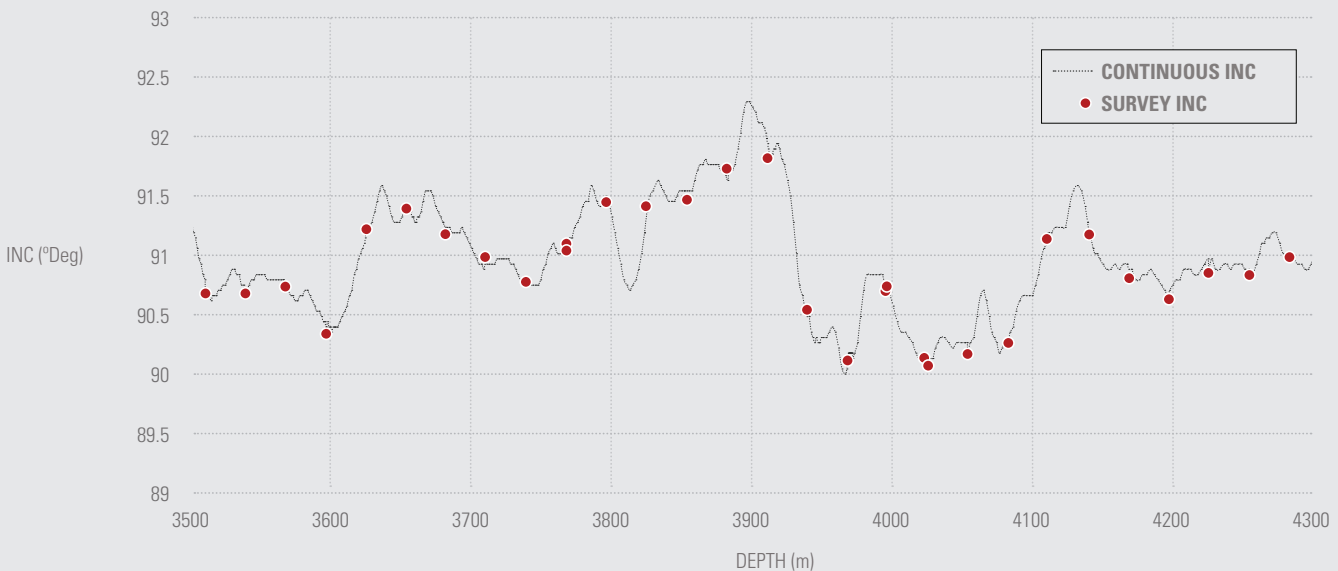
- Low power consumption
- CANBus/TTL/RS485
- Generic variables compatible
- Auto Survey Mode (Flow)
- Data Broadcast Mode
- Next Level Continuous INC
- 12-40VDC Input Voltage
- Customisation available
- 24-Bit Data Acquisition

Applications

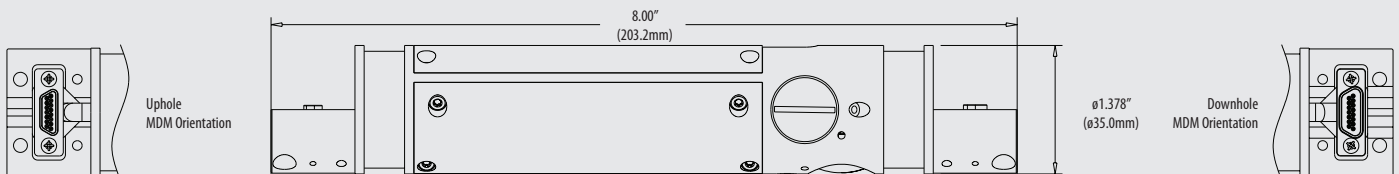
- Near Bit INC applications
- Near Pulser Configuration
- Continuous Near Bit INC data



AZIMUTH - CONTINUOUS INC vs SURVEY INC



Description		Value	Units	Comments
Sensor Performance				
Static Inclination Accuracy		125°C 150°C	+/-0.1° +/-0.15°	Deg
Inclination Repeatability			+/-0.05	Deg
TF/Rotation at >5° Inc - Accuracy			+/-0.5	Deg
TF/Rotation at >5° Inc - Repeatability			+/-0.05	Deg
Continuous INC Accuracy				
Inclination	Vibration	Rotating		
10-30°	30Grms	N	+/-0.1	Deg
10-30°	30Grms	Y	+/-0.25	Deg
10-30°	50Grms	N	+/-0.1	Deg
10-30°	50Grms	Y	+/-0.25	Deg
30-90°	30Grms	N	+/-0.1	Deg
30-90°	30Grms	Y	+/-0.1	Deg
30-90°	50Grms	N	+/-0.15	Deg
30-90°	50Grms	Y	+/-0.1	Deg
Electrical				
Operating Voltage			+12 to +40	Volts
Power Consumption			0.21	Watt
ADC Resolution			24	bits
Interface			qBus/Serial TTL/RS485/CanBus	
Baud Rate			9600 - 153600	Baud
Operating Modes			Master-Slave, Express Survey or Data Streaming qBus	TTL/CanBus/ RS485 qBus Generic Variable Broadcast
Data Output			ContINC, Survey INC, Temp, GX/Gy/Gz, Gtotal, RPM, GTF	
Connector Type			15-Pin MDM, Plug-Top, Socket - Bottom	
Mechanical				
Length			8.00 (203.2)	Inches (mm)
Diameter			1.378 (35.0)	Inches (mm)
Weight			0.25 (0.113)	lbs (Kg)
Environmental				
Operating Temperature			-25 to 150	°C
Survival Temperature			-40 to 165	°C
Vibration			50	g rms
Shock			2000	g
				50 - 1000Hz
				0.5mS Half Sine



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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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