



QDOM™



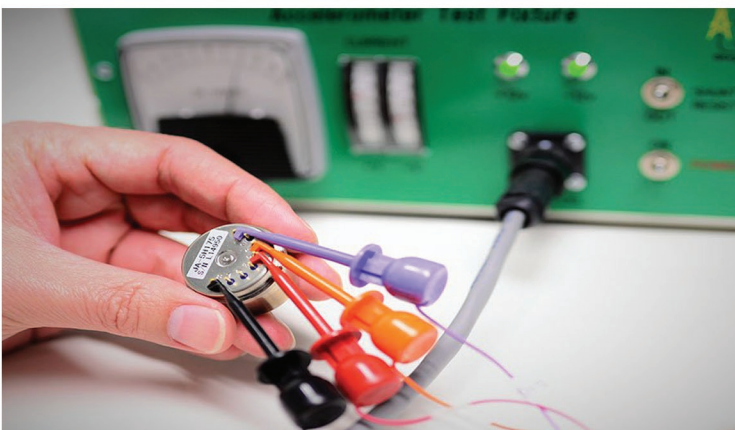
www.qdctech.com

The QDOM™ is rated to 175°C (survivable to 185°C) and is assembled at QDC's manufacturing facility in New Waverly, Texas.

QDOM™ is QDC's market leading orientation module, developed to work in tandem with all industry Tensor QDT style Strongback (DIM).

QDOM™ keys to success:

- Packaging - R&D focused on developing an easily serviceable chassis - we feel the best in class.
- MagSense™ - Proprietary wide dynamic-range magnetometers are produced in our controlled environment and provide precision detail.
- Q-Flex Accels - High-precision full-sized inertial quartz flexure (Q-Flex) accelerometers deliver superior performance and durability.



PHYSICAL AND ENVIRONMENTAL SPECIFICATIONS

Parameter	Minimum	Maximum	Unit of Measure
Outside Diameter		1.375	Inches
Length		29.2	Inches
Uphole Connection		21 pin MDM	
Downhole Connection		15 pin MDM Non-Mag	
Operating Temperature	0	175	Degrees Celsius
Survival Temperature	-40	185	Degrees Celsius
Random Vibration		20	g RMS, 20-500hz
Shock		1000	g .5 msec, half-sine

ACCURACY AND ELECTRICAL SPECIFICATIONS*

Parameter	Maximum	Unit of Measure
Power Consumption	1	Watt
Azimuth	$\pm 1 > 5^\circ$ Inc	Degree
Azimuth Spread	$\leq .2 @ 90^\circ$ Inc	Degree
Inclination	$\pm .1$	Degree
High-Side Toolface	$\pm .1 > 5^\circ$ Inc	Degree
Dip	$\pm .12$	Degree
Total Gravity	± 1	Milli-g
Total Mag Field	± 50	Nano-Tesla

*as shipped

