

	ENGLISH	SI
Performance		
Resolution	21 bit	21 bit
Non-Linearity	0.25 % FS	0.25 % FS
Frequency Response	10 kHz	10 kHz
Environmental		
Temperature Range(operating)	32 to 158 °F	0 to 70 °C
Enclosure Rating	IP40	IP40
Electrical		
Torque & Force Input Range(Channel 1 & Channel 2)	±2.5 mV/V, ±4.5 mV/V, ±5 VDC	±2.5 mV/V, ±4.5 mV/V, ±5 VDC [1]
Sensor Excitation(120 Ma)(max)	5 VDC	5 VDC
Peak Trap Circuit(positive voltage)	7 µs reset time	7 µs reset time
Peak Threshold	software programmable	software programmable
Peak Reset(automatic reset)	manual or software programmable	manual or software programmable
Angle Input Type(channel 1 & channel 2)	quadrature A/B track	quadrature A/B track
Angle Input(excitation)	5 VDC	5 VDC
Angle Input(frequency)(max)	1 MHz	1 MHz
Battery Indication	low	low
Battery Life(maximum,continuous use)	8 hours	8 hours
Battery Charge Time(max)	3.5 hours	3.5 hours
Shunt Calibration	Rear Binding Posts	Rear Binding Posts
Physical		
Housing Material	Cast Aluminum	Cast Aluminum
Size (Width x Depth x Height)	10.12 in x 8.50 in x 3.25 in	257 mm x 216 mm x 83 mm
Weight	6.0 lb	2.73 kg
Display Viewing Area - Length	4.85 in	124 mm
Display Viewing Area - Height	2.68 in	68 mm
Display Resolution	240 x 128,CFL Backlight	240 x 128,CFL Backlight
Mating Connector(Channel 1 & Channel 2)	15 pin D subminiature	15 pin D subminiature
Mating I/O Connector	25 pin D subminiature	25 pin D subminiature
Auxillary Connectors	(1) USB type A and (1) USB type B	(1) USB type A and (1) USB type B

OPTIONAL VERSIONS

Optional versions have identical specifications and accessories as listed for the standard model except where noted below. More than one option may be used.

NOTES:

[1] Selectable.

[2] See PCB Declaration of Conformance PS118 for details.



Entered: DMW	Engineer: SAC	Sales: JJM	Approved: GLB	Spec Number:
Date: 11/18/2011	Date: 11/18/2011	Date: 11/18/2011	Date: 11/18/2011	51269



All specifications are at room temperature unless otherwise specified.
 In the interest of constant product improvement, we reserve the right to change specifications without notice.
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