

Specifications

Specifications by Range @ 20°C

		±5°	±15°	±60°
Resolution (<i>see note 1</i>)	Degrees		0.001	
Accuracy (<i>see note 2</i>)	Degrees		0.08	
Frequency Response	Hz (max)		20	
Cross-axis Sensitivity	% FRO (max)		0.2	
Repeatability (<i>see note 3</i>)	Degrees		0.008	

Digital Specifications

Representation		Sine of angle
Measurement update rates	Hz	1, 2, 5, 10, 20, 50, 60 or 100
Communication (RS485)		ASCII
Bus Speeds (RS485)		2400, 4800, 9600, 19k2, 38k4, 57k6, 76k8, 115k2 or 230k4

Electrical

Input Voltage	Vdc	9 to 18	18 to 36
Input Current	mA (max)	100 (single-axis) 140 (dual-axis)	50 (single-axis) 70 (dual-axis)

Environmental Characteristics

Operating Temperature Range	°C	-20 to +70
Survival Temperature Range	°C	-40 to +80
Shock		1,000g, 0.5ms, ½ sine
Environmental Sealing		IP65