

Techmor IM-1-S-18 and -17 Serial RS232 Message Specifications

Serial Port Settings:

Serial Baud Rate: 115.2k baud
 Data Bits: 8
 Parity: None
 Stop Bits: 1
 Flow Control: None

Message Frame:

(2) Start	(4) Hex	(4) Hex	(4) Hex	(4) Hex	(4) Hex	(4) Hex	(1) End
"IM"	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	<Carriage return>
	XGyro	YGyro	ZGyro	XAccel	YAccel	ZAccel	

Message Types: 16-bit Signed Integers (S16) – Twos Complement

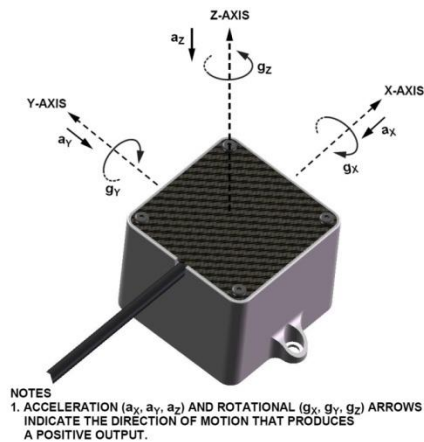
Message Decodes:

Gyro Angular Rates = counts * 0.01250 deg/s/count

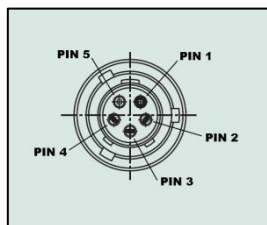
(+/- 18 g version) Accelerations = counts * 0.0008333 g/count

(+/- 1.7 g version) Accelerations = counts * 0.00008333 g/count

Axis Orientation:



Autosport ASL606



Wiring:

Pin 1	Red	+6 to +24V Unregulated Power
Pin 2	Blue	Serial Output – RS232
Pin 3	NC	
Pin 4	White	Signal GND
Pin 5	Black	Power GND

Female DB-9

