ArmourG

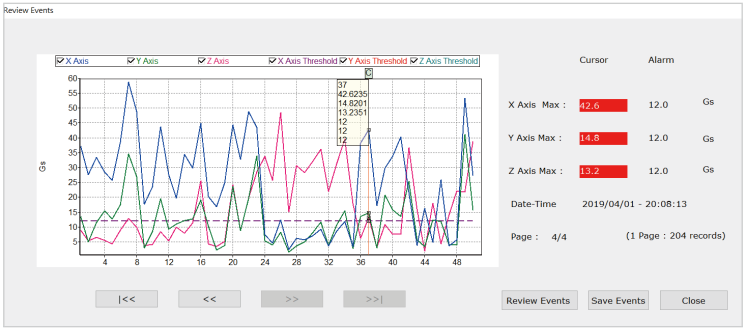
Machine Collision Detector & Events Recorder



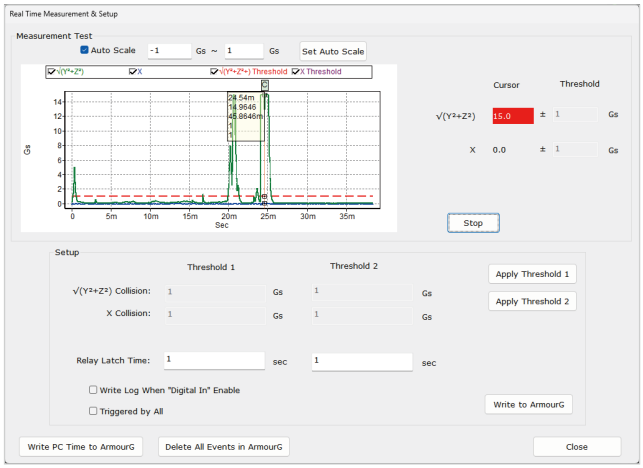
- Smart monitoring box consisting of sensors & electronics
- High bandwidth MEMS tri-axial accelerometer (X, Y & Z)
- Relay triggered in less than 1 millisecond upon a collision
- Built-in data log for max. 5,000 collision events
- Easy software for threshold setting & logging
- Smart definition for radial & axial directions of the spindle
- 2 sets of collision thresholds for various conditions
- Economically priced

Measurement range		±50 g
Shock limit		10,000 g
Temperature range		Operation 0 to 70 °C / Storage -40 to 70 °C
Power requirement		24VDC ±2V@100mA
Relay output	Voltage/ Current	24Vmax. / 100mA
	Normal status	Normal Close
	Reaction time	< 1 millisecond
Digital Input	Voltage range	10V to 24V
Digital Input 1.		Activating relay or deactivating relay
Digital Input 2.		Switching collision threshold to group 1 or 2
Communication port		Mini-USB for data transmission and system set-up
Storage of data log		5,000 events (Max.)
LED indicator		Blue: working/ Red: alarm event
Dimensions (HxWxD)		49 x 39 x 34 mm
Housing material		Aluminum
Weight		Approx. 115 g
Protection class		IP67

Events review



Threshold settings



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