



MAG-NEAT-O™

MAGNETICALLY COUPLED MOTION CONTROL

EASY QUICK INSTALLATION

Designed for easy installation, the Mag-Neat-O™ is a magnetically coupled motion sensor that when paired with Conveyor Components Company controller MSD or RMS-G. It can be programmed as an over speed, under speed or zero speed device. The Mag-Neat-O™ is a speed switch that uses a uniquely designed magnetic coupler to attach the unit to a roller shaft on your conveyor. This coupler is connected to a target that rotates in unison with the roller shaft of a conveyor. A target is then read by a proximity sensor that communicates pulse into the optional MSD controller which has a relay to control up to two circuits.

ADVANTAGE

The Mag-Neat-O™ features a simple robust Magnetic Coupler for easy, rapid field installation. The coupler of the Mag-Neat-O™ is magnetically attached to the shaft of a conveyor roller or other rotating piece of equipment that you want to monitor for motion.

MAG-NEAT-O MODELS AVAILABLE

MODEL	DESCRIPTION	SHIP WT.
MCM-2S	Sensor magnetically coupled motion control with 12mm 2-wire (RMS-12S) inductive sensor and MCC-1 magnetic coupling connector.	2 lbs.
MCM-3S	Sensor magnetically coupled motion control with 12mm 3-wire (MSD-12S3) inductive sensor and MCC-1 magnetic coupling connector. Does not include optional MSD-800 controller.	2 lbs.

CONTROLLERS

MODEL	DESCRIPTION	SHIP WT.
MSD-800	Panel mount style, indicates two under-speed or two over-speed points, or one of each. 100-240 VAC power input. Digital RPM tachometer display.	1.5 lbs.
RMS-1G	Non-contact motion control, includes: 120 VAC electronics *	1.5 lbs.

TECHNICAL SPECIFICATIONS

- The sensor can be used in outdoor environments and is connected to the controller(s) with Belden 8442 or 9760 or similar.
- The maximum separation distance between controller and sensor is 200 feet.
- No drilling or tapping of the tail pulley shaft is necessary. The unit connects magnetically to the pulley shaft.



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MAG-NEAT-O DIMENSIONAL INFORMATION

