M800 SPEEDSWITCH

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APPLICATION

The M800 Speedswitch protects rotating equipment from dangerous underspeed conditions (elevator legs, conveyors, grinders, mixers, fans, etc.)
The Inductive sensing devise, located in the nose of the M800 detects a rotating metal target on a shaft. If the machine speed falls by 10% or 20% below its nominal RPM, the monitor provides output signals for alarm and/or shutdown of the machinery.

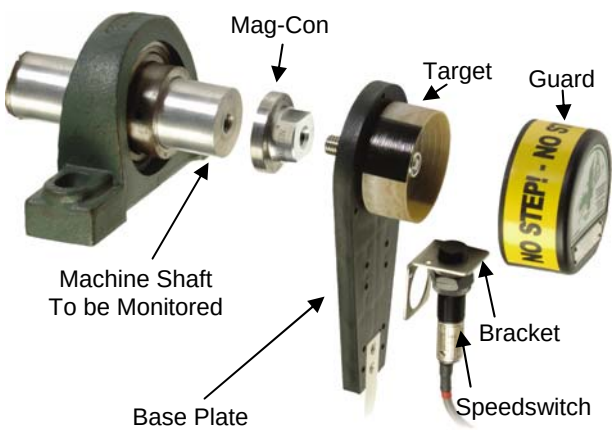
FEATURES

- Dual set points – Alarm at 10% underspeed; Stop at 20% underspeed
- Dust Proof and Watertight - IP67
- Speed range - 10 to 3600 PPM
- Magnetic calibration of the micro-processor
  - start-up delay
  - normal running speed
- User adjustable start-up delay: 0-30 seconds

CLASS 2 Div. 1 Groups E, F & G (US & Canada)

PART NUMBERS/ACCESSORIES

- M8001V1FC – 110V AC
- M8001V2FC – 220V AC
- M8001V4FC – 24V DC
- Whirligig & Mag-Con – combined target/bracket/gaurd
- TACH1V5 – Tachometer Display



Whirligig and Mag-Con

Detailed specifications, wiring diagrams and installation / operating instructions available immediately upon request.

Please refer to instruction manual for correct installation .
Information subject to change or correction. May 2007.

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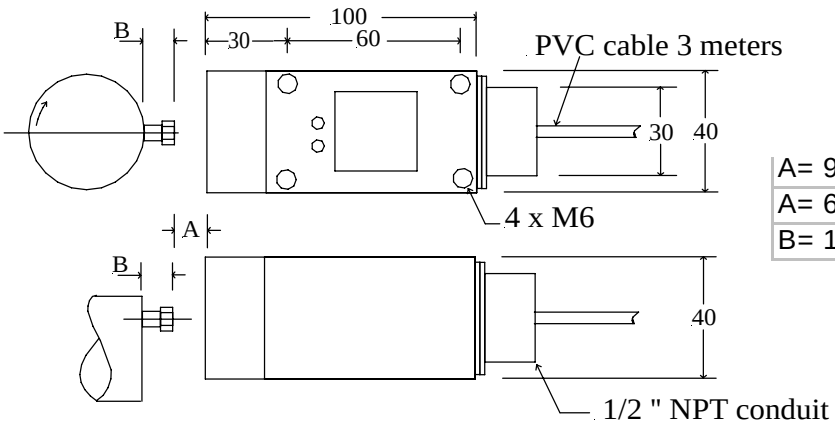
BRAIME

M800

TECHNOLOGY · INNOVATION · QUALITY · VALUE

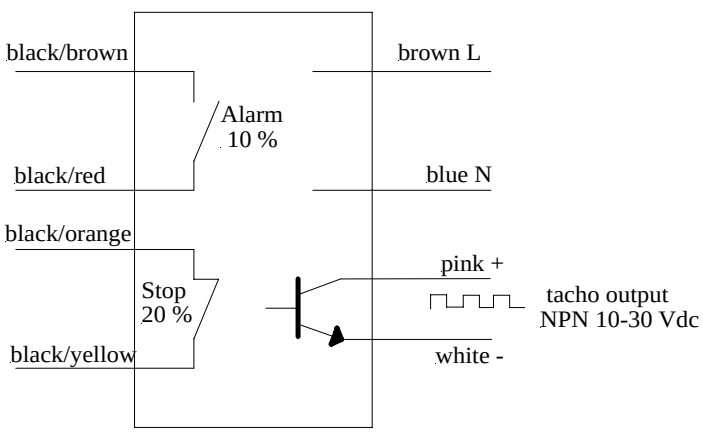
SPECIFICATION			
Type	M8001V1FC	M8001V2FC	M8001V4FC
Approvals	Class 2 Div. 1 groups E,F & G (US & Canada)		
Power Supply	110 VAC	220 VAC	24 VDC
Consumption	6 VA		
Max. Frequency	4 Hz		
Protection	IP 67		
Power cut capacity	invertive relay contact 3A 240Vac non-inductive		
Cable	8 conductors with 3 metres of cable		
LED	Red Led: lights up for each detected target		
	Green Led: normal output status		
Alarm level	10% underspeed		
Stop level	20% underspeed		
Impulsion entry	NPN 10-30 Vdc		
Input pulse range	10 to 3600 impulsions/minute		
Start-up delay	programmable from 0 to 30 seconds		
Sensing range	9 mm max on ferrous metal		

Dimensions



A= 9 mm max, for metal target dia.20mm
A= 6mm max, for non-metal target dia.20mm
B= 15mm minimum

Connections



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