

Heavy Duty Whirligig®

Universal Shaft Sensor Mount for Extreme Environments

APPLICATION

The Heavy Duty (HD) Whirligig is a fully guarded target for easy mounting of motion sensors. It is suitable for use with 4B's range of inductive proximity sensors including the M100 Stopswitch, the P100 Proxswitch, and the P300 Proxswitch.

METHOD OF OPERATION

Used on conveyors, bucket elevators and other rotating machinery, the HD Whirligig monitors shaft speed for continuous, low speed or high speed conditions. The sensor (sold separately) inserts into the housing of the HD Whirligig and the complete assembly bolts to the machines shaft through a 5/8" UNC tapped hole. Machine vibration or movement does not affect the performance of the sensor as the whole assembly moves with the shaft. The all stainless steel construction and sealed twin stainless steel bearings make the HD Whirligig ideal for use in corrosive and other extreme environments. With the HD Whirligig, sensor installation is now simple, safe and reliable.

FEATURES

- ▶ Heavy Duty - Stainless Steel Construction
- ▶ Twin Sealed Stainless Steel Bearings
- ▶ Connects to Machine Shaft with 5/8" UNC Tapped Hole
- ▶ Safe - Fully Enclosed Targets

PART NUMBERS/ACCESSORIES

- ▶ WGHD1-4-18-R Heavy Duty Whirligig (18 mm)
- ▶ WGHD1-4-30-R Heavy Duty Whirligig (30 mm)
- ▶ SR2V5-1 Speed Relay (1 PPR)
- ▶ SR2V5-4 Speed Relay (4 PPR)
- ▶ SR2V5-10 Speed Relay (10 PPR)

4B COMPATIBLE SENSORS

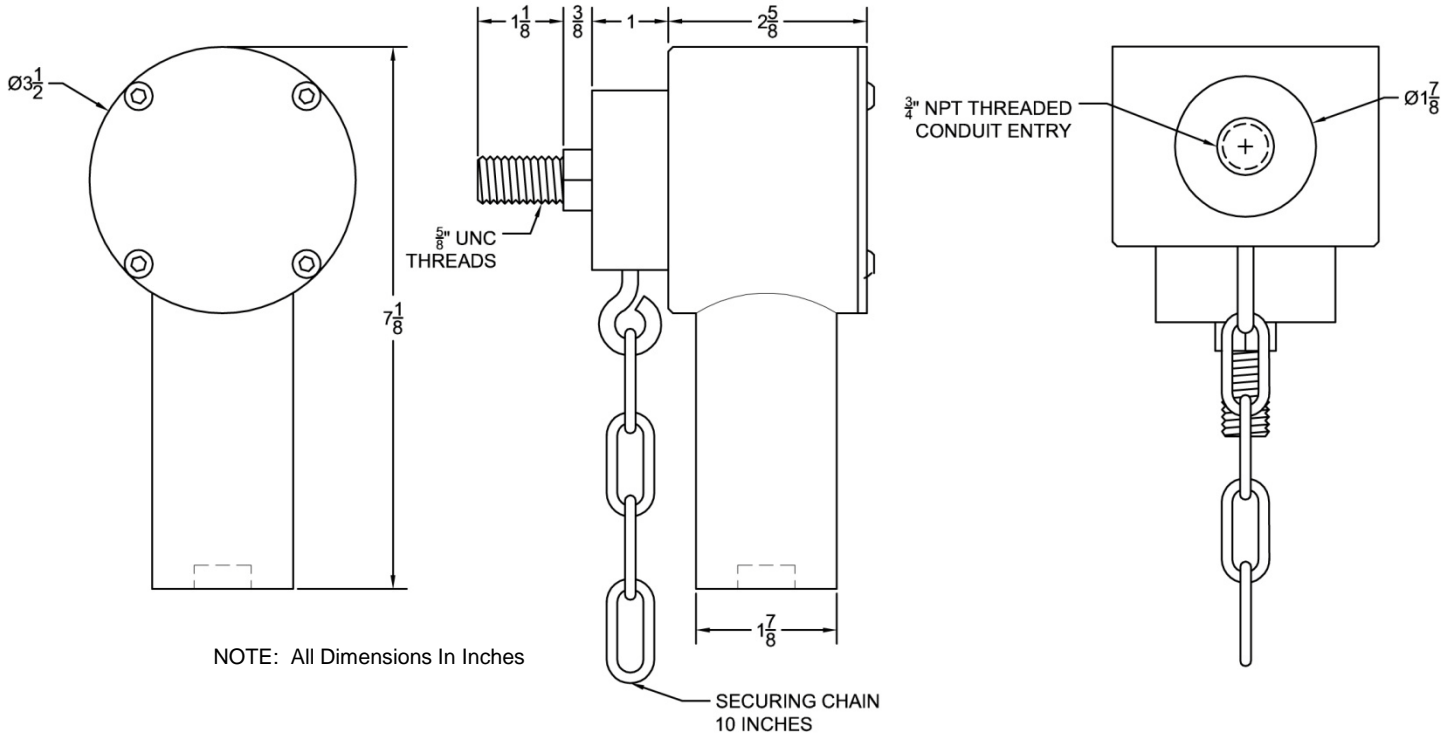
- ▶ M1001V10F M100 Stopswitch
- ▶ P1001V10A P100 Proxswitch (2-Wire)
- ▶ P1002V10A P100 Proxswitch (2-Wire)
- ▶ P1001V34A P100 Proxswitch (NPN / PNP)
- ▶ P3002V10A P300 Proxswitch
- ▶ P3002V10AI P300 Proxswitch



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BETTER BY DESIGN

DIMENSIONS



NOTE: All Dimensions In Inches

TECHNICAL SPECIFICATIONS

HD Whirligig® - Universal Shaft Sensor Mount

Heavy Duty Whirligig	
Shaft Material:	Stainless Steel
Body Material:	303 Stainless Steel
Bearing:	Sealed Twin Stainless Steel
Thread Size:	5/8" UNC
Temperature:	-9° F to +122°F (-13°C to +50°C)
Maximum Speed:	3,000 RPM
Pulses/Targets:	4



Speed Relay
(Optional)