



# Whirligig®

TECHNOLOGY • INNOVATION • QUALITY • VALUE

## Universal Shaft Sensor Mount

### Sensor Installation Made Easy!

#### APPLICATION

Fully guarded target for easy mounting of motion sensors.

The 'Whirligig' three in one target/bracket/guard is suitable for all industry standard cylindrical or DIN style inductive sensors including our M100, M300 and M800 speed sensors.

The sensor bolts to the whirligig base plate and the complete assembly bolts to the machines shaft. The installation of speed sensors is now simple, reliable and fully guarded. Shaft or machine vibration does not affect the performance of the sensor, as the whole assembly moves with the shaft.

#### METHOD OF OPERATION

- Universal application - Suits all DIN style and industry standard cylindrical sensors
- Easy Installation – Only requires an M12 tapped hole in the machines shaft or use the MagCon for magnetic connection
- Safe - Fully enclosed targets
- Included brackets for 30mm and 18mm diameter sensors

#### PART NUMBERS/ACCESSORIES

- |                 |  |
|-----------------|--|
| <b>WG1A-BR</b>  | - Whirligig 1 pulse target                     |
| <b>WG2A-BR</b>  | - Whirligig 2 pulse target                     |
| <b>WG4A-BR</b>  | - Whirligig 4 pulse target                     |
| <b>WG8A-BR</b>  | - Whirligig 8 pulse target                     |
| <b>MG1-BR</b>   | - Mini-gig 2 pulse target                      |
| <b>WG HD</b>    | - Heavy Duty Stainless Steel Whirligig         |
| <b>WGB3060</b>  | - Whirligig bracket for 90deg. M800            |
| <b>WGB1830</b>  | - Whirligig bracket for sensor dia. 18 / 30 mm |
| <b>MAG2000M</b> | - MagCon Magnetic Connector                    |

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



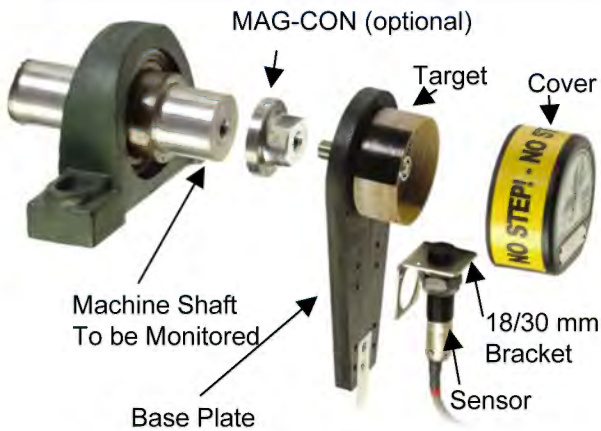
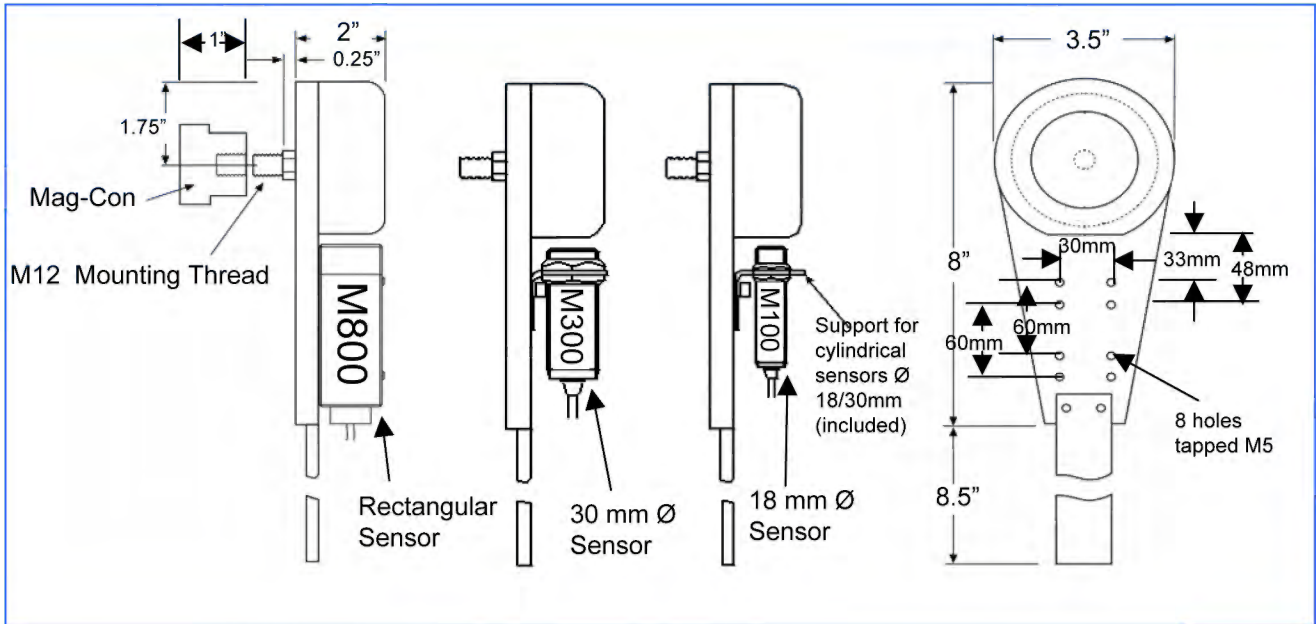
U.S. Pat # 6,109,120



CERT: ATEX Zone 20 and 0



U.S. Pat # 6,964,209



### MagCon - Optional Magnetic Connector

This device screws onto the Whirligig and magnetically couples to the shaft being monitored. Simplifying installation even further.

- Material:** Stainless Steel
- Holding Force:** Over 150 lb
- Maximum Speed:** 300 RPM

## TECHNICAL SPECIFICATIONS

### Whirligig – Universal Shaft Sensor Mount

- Shaft Material:** Stainless Steel
- Body Material:** Polypropylene
- Bearing:** Sealed Heavy Duty Stainless Steel
- Thread Size:** M12 x 1.75
- Hex Wrench Size:** 19mm
- Maximum Speed:** 1500 RPM
- Pulses/ Targets:** Standard 2 Pulses
- Available:** 1, 2, 4 or 8 pulses



Whirligig installed on an enclosed belt conveyor shown with M800 speedswitch