



BRAIME

Whirligig Heavy Duty

Product Information

TECHNOLOGY · INNOVATION · QUALITY · VALUE

WHIRLIGIG HEAVY DUTY

For monitoring shaft speed in the most difficult and demanding environments

APPLICATION

The Whirligig Heavy Duty makes shaft speed monitoring much simpler, easier and more reliable.

Its all stainless steel heavy duty construction with sealed twin stainless steel bearings make it ideally suited to corrosive and highly demanding environmental conditions, e.g. quarries, cement factories and environments with aggressive chemicals where stainless steel is required.

Used on conveyors, elevators and other rotating shafts to monitor shaft speed for continuous, low speed or high speed conditions. Machine vibration or movement does not affect the performance of the sensor as the whole assembly moves with the shaft.

METHOD OF OPERATION

An inductive sensor situated in the body of the Whirligig Heavy Duty detects a target. A pulse is created for each rotation. The Whirligig can be directly connected to a control unit, a Rotech encoder or a different system. The sensor bolts to the Whirligig Heavy Duty base and the complete assembly bolts to the machine's shaft using a M16 thread. The WGHD does not require any extra protection.

SENSORS & ACCESSORIES

Rotation control module AUE 400

Inductive sensor-

18 mm diameter P100 (Proxswitch) or

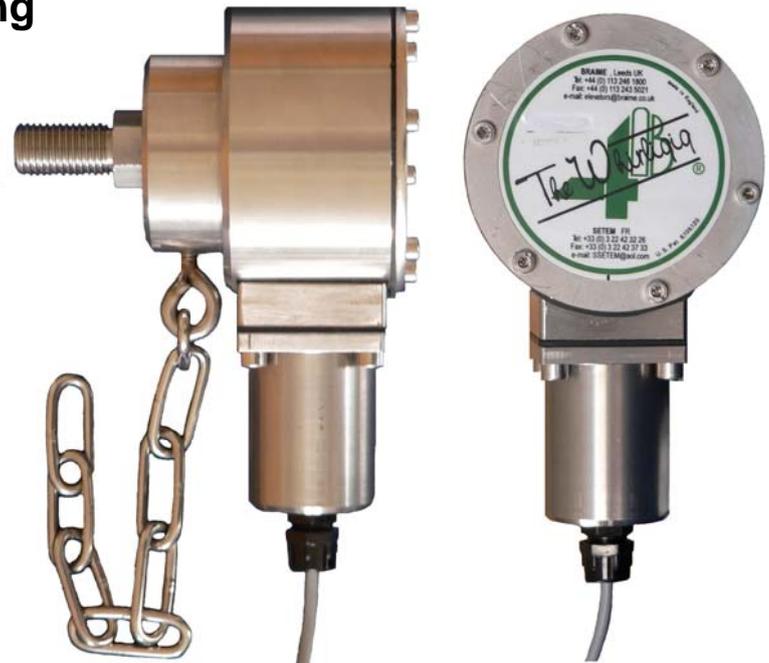
30 mm diameter P300 (Proxswitch)

Speed switch

18 mm diameter M100 (Stopswitch)

30 mm diameter M300 (Slipswitch)

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



Please refer to instruction manual for correct installation. Information subject to change or correction. Nov 2010

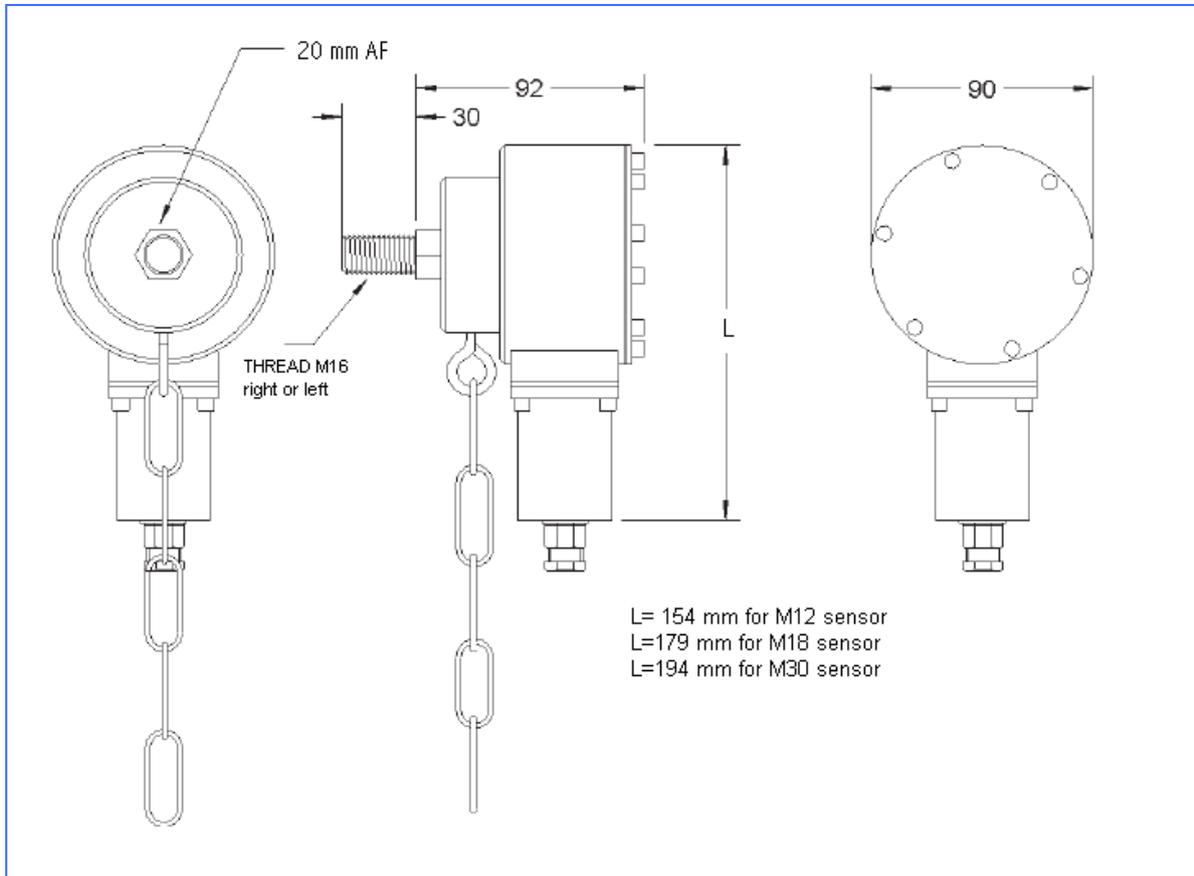


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REFERENCE

WGHD

4
Nb of targets
1,2 or 4

12
Diameter of sensor
M12, M18 or M30

R
Type of thread M16
R for right-hand thread
L for left-hand thread

TECHNICAL SPECIFICATIONS

Whirligig Heavy Duty– Universal shaft sensor mount

- Construction:** 304 Stainless steel
- Bearing:** Sealed twin stainless steel
- Mounting thread:** M16x2 – specify right or left-hand thread
- Temperature :** - 25 ° to +50 °C
- Maximum speed:** 3 000 rpm
- Pulses / targets:** 1, 2 or 4 pulse



ROTATION CONTROL MODULE AUE 400

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