

INDUCTIVE SPEED SENSOR

Approved for explosive atmospheres:
ATEX and IECEx Zones 20, 21 & 22 for dust
ATEX and IECEx Zones 0, 1 & 2 for gas

APPLICATION

- Detects 20% underspeed condition
- Used for detecting dangerous slow downs and underspeeds on conveyors, bucket elevators, and many other types of machines

FEATURES

- 24-240 VAC/VDC multi voltage power supply
- 2 and 4 wire versions available
- IP 66 rated
- M30 x 1.5 ISO threaded polycarbonate body
- Blue and green LED's showing output state
- 8mm detection range
- Easy calibration with a magnet

PART NUMBERS

- **M3003V10AI** – 2 wire model
- **M3008V10AI** – 5 wire model (Zone 21)
- **M3007V10AI** – 5 wire model (Zone 20)

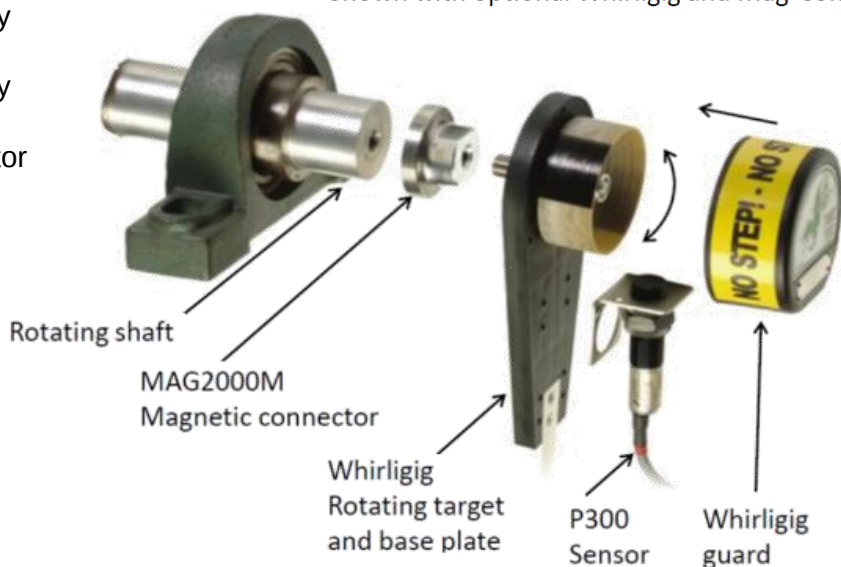
ACCESSORIES

- **WG4A-BR** – Shaft mounting assembly
4 pulses per revolution
- **WG2A-BR** – Shaft mounting assembly
2 pulses per revolution
- **MAG2000M** – Magnetic shaft connector



M300 Speed Sensor

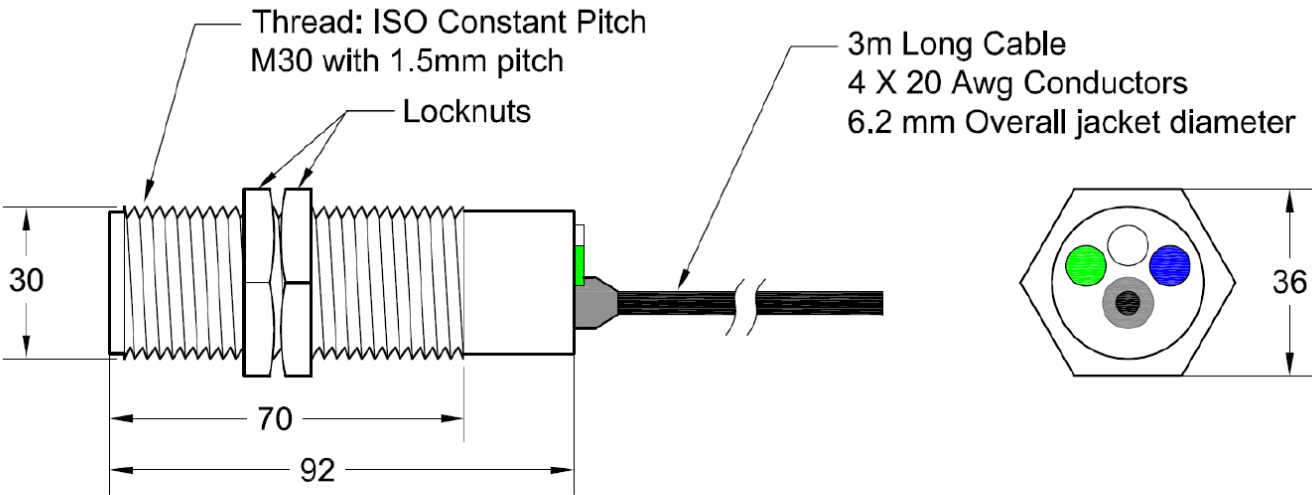
Shown with optional Whirligig and Mag-Con



TECHNICAL SPECIFICATIONS

Model	M3003V10AI	M3008V10AI	M3007V10AI
Power supply	24-240 VAC/VDC	24-240 VAC/VDC	24-240 VAC/VDC
Output	FET	SPCO relay	SPCO relay
Number of wires	2	5	5
Detection range	8 mm	8 mm	8 mm
Speed Range	10 – 3,600 pulses per minute	10 – 3,600 pulses per minute	10 – 3,600 pulses per minute
Start-Up Delay	0 to 30 seconds	0 to 30 seconds	0 to 30 seconds
Switching Capacity	100mA	240VDC/VAC; 3A	60VDC/VAC; 3A
Operating temperature range	-15°C to +50°C	-15°C to +50°C	-15°C to +50°C
Certificates and approvals	ATEX and IECEx Zone 20, Zone 0	ATEX and IECEx Zone 21, Zone 1	ATEX and IECEx Zone 20, Zone 0
Protection	IP66	IP66	IP66

DIMENSIONS



Note: All dimensions are given in mm.