



ROTECH FOR RELIABILITY!

Why Accept Anything Less?

SS 4000 Series Polypropylene Body Heavy Duty – Speedswitch

The SS 4000 series of Rotech shaft mounted Speedswitches are manufactured in an extremely tough and durable 30% glass fibre reinforced polypropylene housing suitable for the most demanding of environments.

The same unit as our PE4000 Series Shaft Encoder together with the added benefit of a built in speed trip adjustment over the chosen speed range.

Speed control trip set point in RPM adjustable over chosen speed range via internal control fitted under unit cover.

A wide range of number of pulses per revolution are available together with switched transistor and relay outputs. AC and DC supply voltages available.

Installation is simple & easy, with just one threaded hole required in the end of the shaft being monitored or fitted using the unique 'Mag-con' magnetic connector.



FOR MONITORING:

- Speed
- Shaft stopped
- Distance
- Underspeed
- Direction
- Overspeed
- Belt slip
- Safety guards interlocking

FEATURES:

- AC/DC Supply voltages
- Transistor/Relay outputs
- 1 to 40 pulses per revolution
- Totally self contained (no guards required)
- Maintenance free for maximum reliability
- Environment ingress-IP66
- -25 to +100 deg Celsius versions available



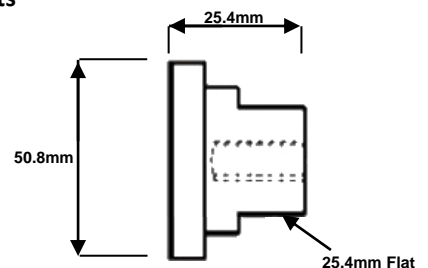
MAG-CON

MAGNETIC SHAFT CONNECTOR

For Quick and Easy Installation of Rotech Shaft Mounted Sensors & Encoders.
Simply attaches to existing shafts

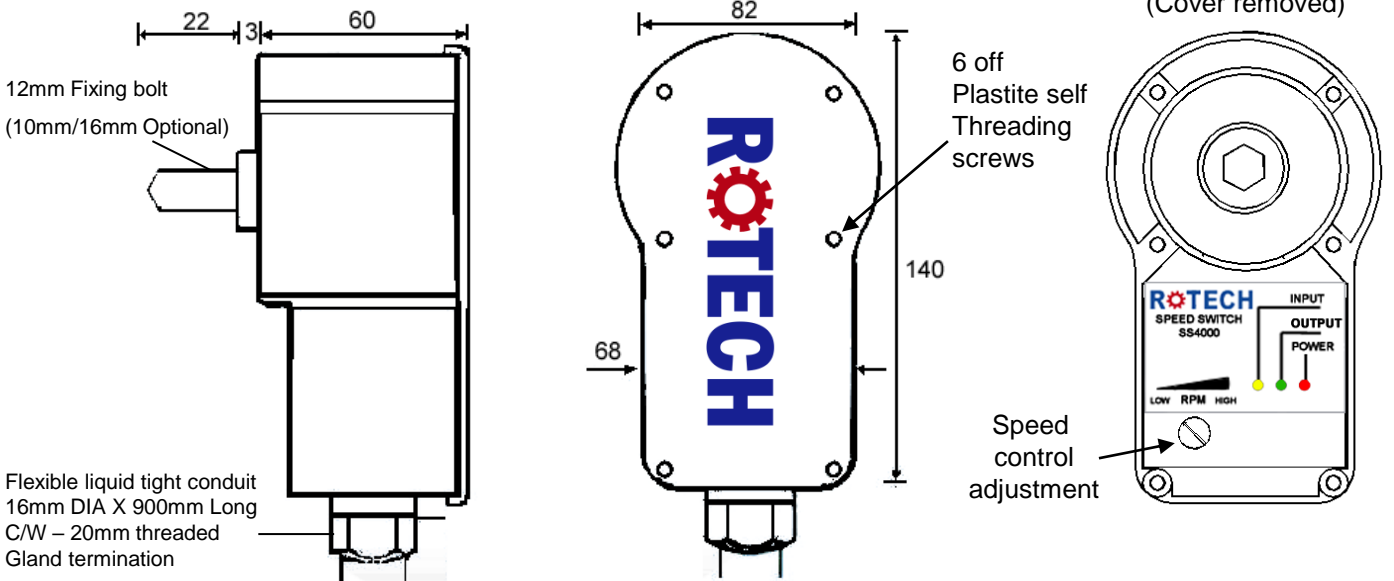
IMPORTANT NOTE:

- MAXIMUM OPERATING SPEED IS 300RPM
- RECOMMENDED MINIMUM
SHAFT DIAMETER FOR FITTING=35MM



Dimensions and Installation Information

Shown in millimetres



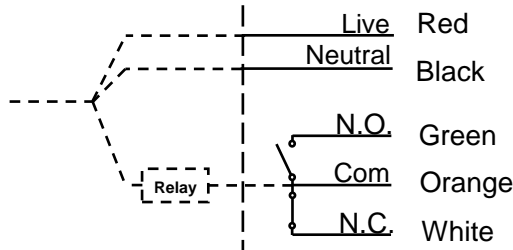
Electrical Outputs

Available Pulse Rates (PPR)
1,2,4,5,6,8,10,12,16,20,30,32,40.

Typical Part No. Example: **SS - 20 - COR**
4000 Series Speedswitch PPR Output Type

TYPE COR

Relay
Changeover Contact



Supply 120/240 VAC 50/60 Hz

Output relay
S.P.C.O (Volt Free)

Rated 230V 3 Amp

IMPORTANT

Health and safety

Rotech SS4000 series speed switches

These units must only be installed and commissioned by qualified and experienced personnel.

Units must only be installed in positions where the speed adjustment can be carried out without exposing personnel to any danger.

If units are installed inside machine guards or in a position that could expose personnel to any danger, they should be set up and adjusted on a separate variable speed drive in a safe area, workshop, etc.

ROTECH SYSTEMS

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Monitoring the world
since 1983