



ROTECH FOR RELIABILITY!

Why Accept Anything Less?

SS 4000 Series Polypropylene Body Heavy Duty – Speedswitch

The SS 4000 series of Rotech shaft mounted motion sensors & encoders are manufactured in an extremely tough and durable 30% glass fibre reinforced polypropylene.

Installation is simple & easy, just one 12mm threaded hole in the end of the shaft being monitored or fitted using the unique 'Mag-con' magnetic connector.

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

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



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



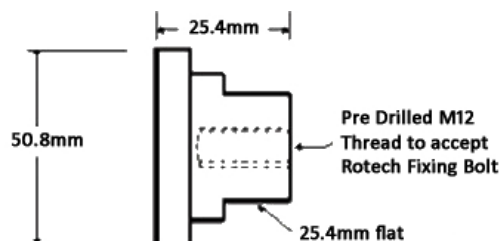
MAG-CON

MAGNETIC CONNECTOR

For quick and easy installation of Rotech shaft mounted sensors & encoders

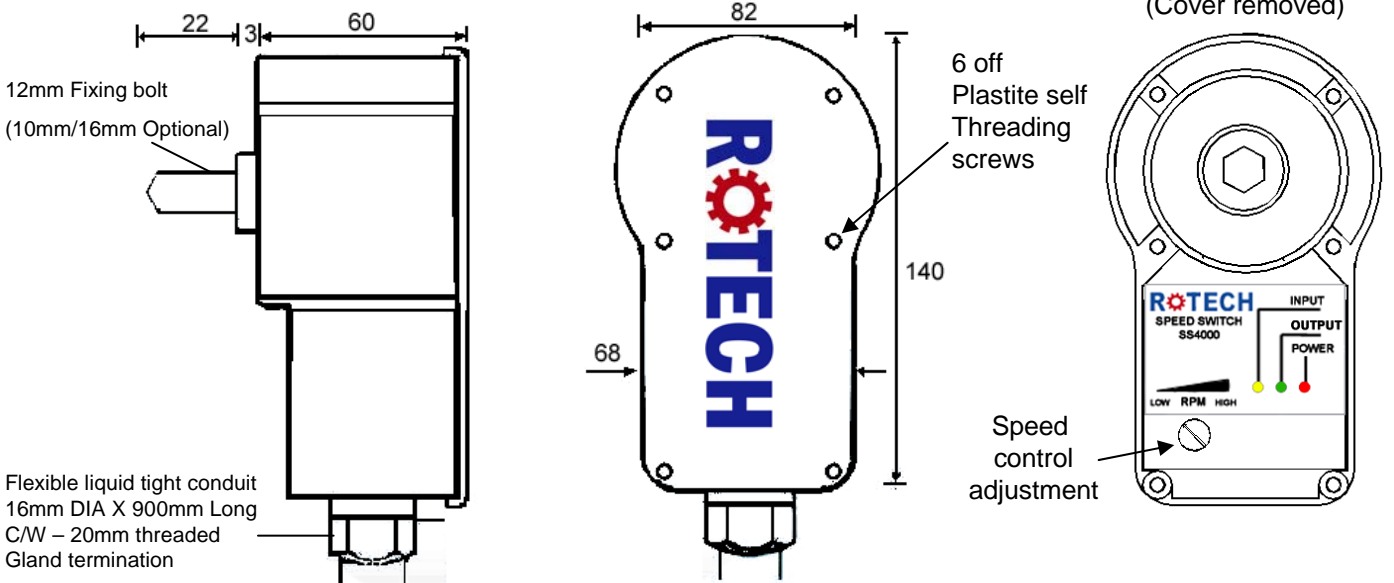
IMPORTANT NOTE:

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



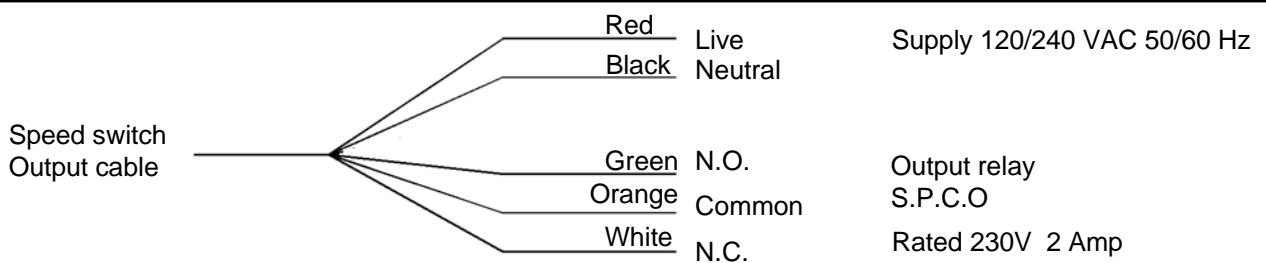
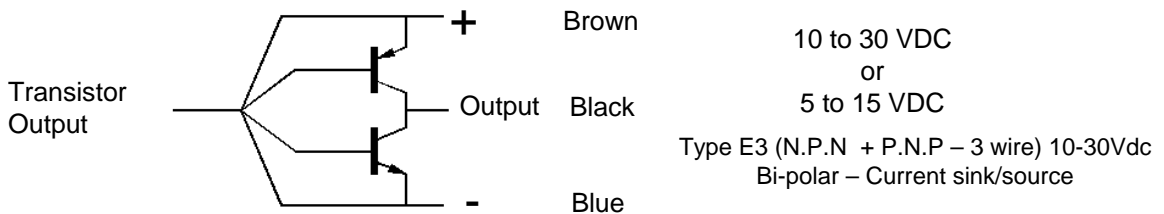
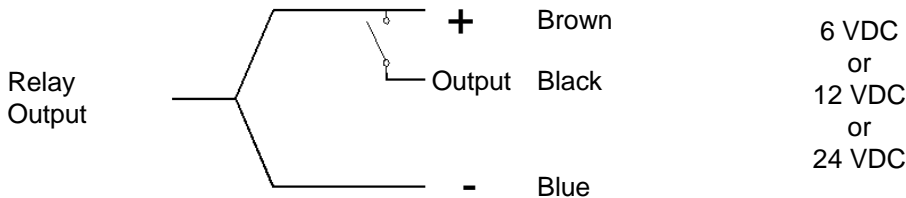
Dimensions and Installation Information

Shown in millimetres



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

Electrical Outputs



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.