

The AE 2000 series of Rotech shaft mounted motion sensors & encoders are manufactured in an extremely tough and durable aluminium casting with an industrial powder coated finish.

Installation is simple and 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 AC and DC electrical outputs.



FOR MONITORING:

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

FEATURES:

- Totally self contained (no guards required)
- Maintenance free for maximum reliability
- 1 to 1000 pulses per revolution
- Environment ingress-IP67
- -25 to +70, 100, 125, 150, deg Celsius versions Available



MAG-CON

Magnetic connector

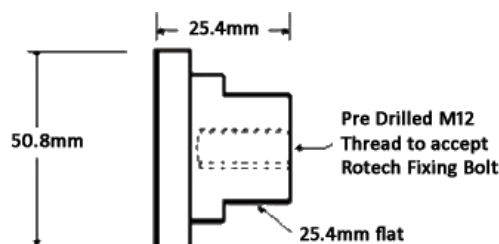
For quick and easy installation of Rotech shaft mounted sensors & encoders

IMPORTANT NOTE:

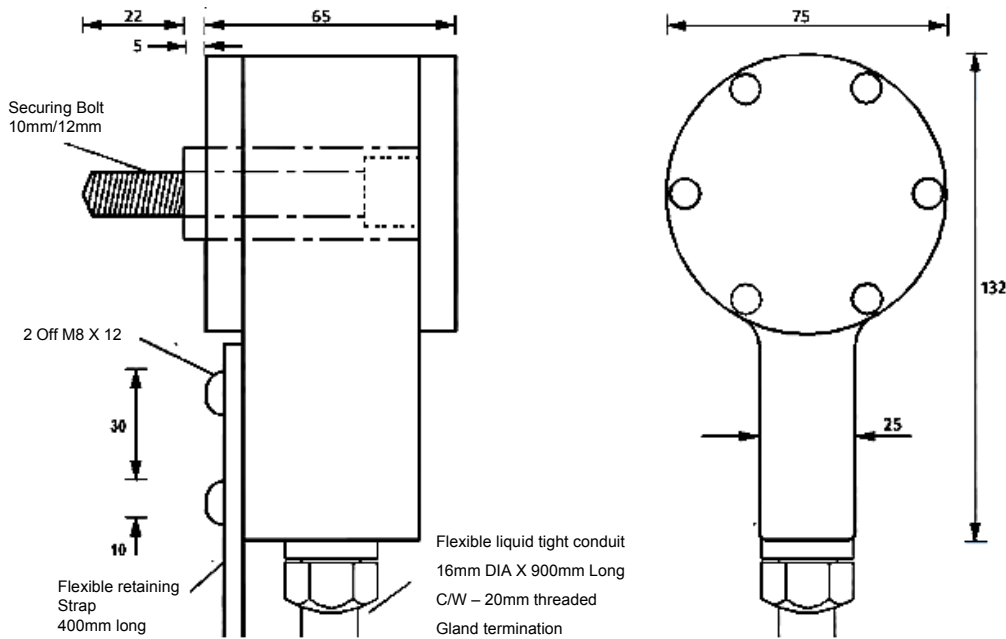
MAXIMUM OPERATING SPEED IS 300RPM

RECOMMENDED MINIMUM

SHAFT DIAMETER FOR FITTING=35MM



Dimensions and Installation Information

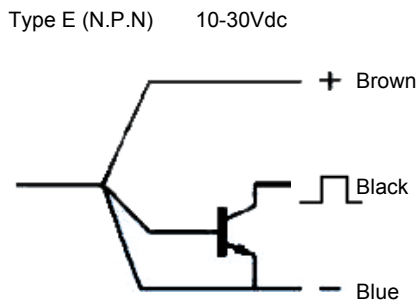


Shown in millimetres

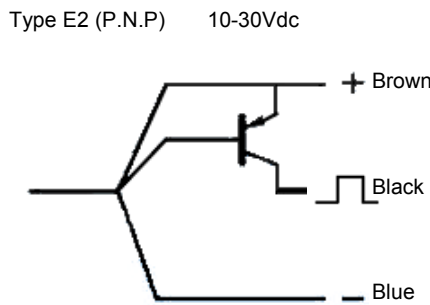
Electrical Outputs

Available Pulse Rates (PPR)

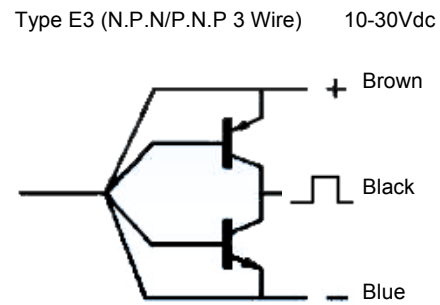
1,2,4,5,6,8,10,12,16,20,30,32,40,50,60,100,120,180,240,250,300,360,500,1000 (Dependent Upon Output Type)



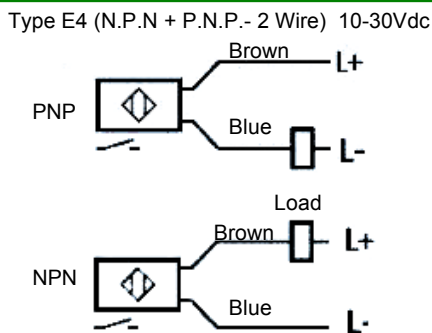
Max frequency = 600Hz



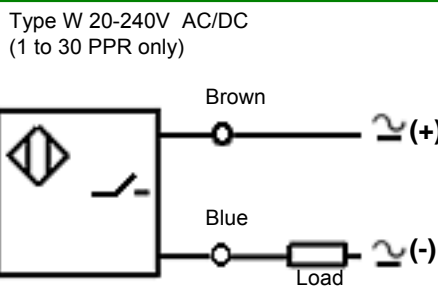
Max frequency = 600Hz



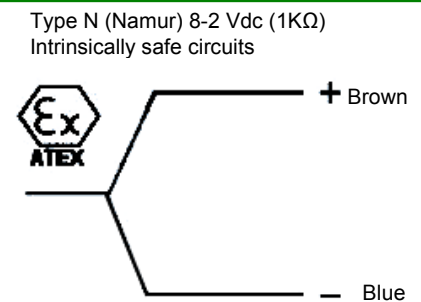
Max frequency = 1000Hz



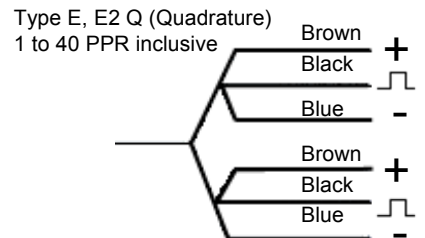
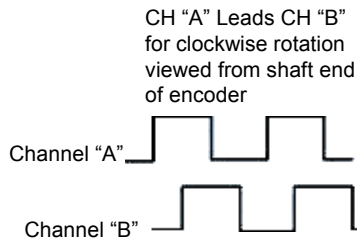
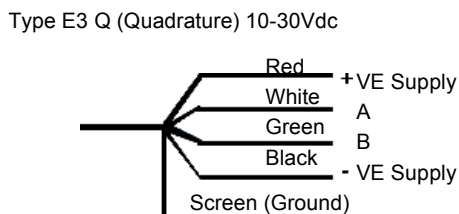
Max frequency = 1300Hz



Max frequency = 25Hz (AC) 1000Hz (DC)



Max frequency = 2000Hz



Max frequency = 600Hz