

SSE 2000 Series

Ultra Heavy Duty – End Of Shaft

TECHNOLOGY · INNOVATION · QUALITY · VALUE

4B is proud to present the new stainless steel body ultra heavy duty range of Rotech shaft motion sensors & encoders designed to suit the most arduous environments in:

- Food processing, pharmaceutical, offshore, chemical, mining, quarrying and many, many more!

A wide range of number of pulses per revolution are available together with AC and DC electrical outputs.

Whether you require a simple motion stop sensor or a high-pulse rate incremental encoder choose:

SSE STAINLESS STEEL BODY



For Monitoring

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

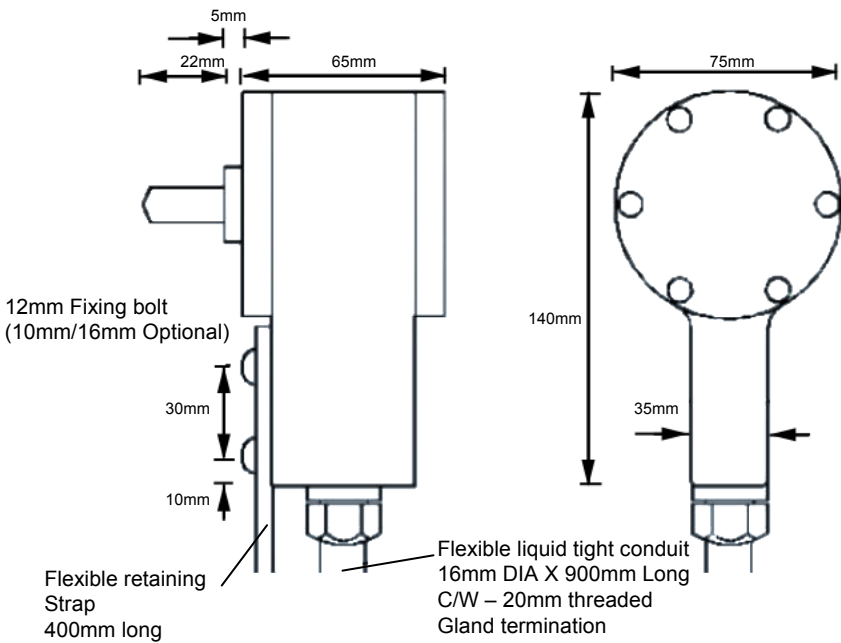
Product Features

- Stainless steel 304/316 solid body housing
 - Totally self contained (no guards required)
 - Maintenance free for maximum reliability
 - 1 to 1000 pulses per revolution
 - Multiple outputs AC/DC
 - Simple ease of fitting-single 12mm fixing bolt (1/2, 5/8, UNC, 16mm, hollow shaft optional)
 - Environment ingress-IP67
 - -25°C TO +70, 100, 125, 150°C
- VERSIONS AVAILABLE



Based on our long record of proven quality & reliability

Dimensions and Installation Information



Shown in millimetres

Type SSE stainless steel	
Body material	304/316 stainless steel
Fixing – end of shaft	M12 (standard) – ½", 5/8" UNC, M16 optional
Bearings	Sealed for life – Steel – 6205 – 2RS (Optional) – Stainless steel – Polymer moulded oil
Maximum operating speed	10,000 RPM
Temperature	-25°C to +70,100,125,150°C
Ingress rating	IP67
Electrical outputs	See table below

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)

<p>Type E (N.P.N) 10-30Vdc</p> <p>Max frequency = 600Hz</p>	<p>Type E2 (P.N.P) 10-30Vdc</p> <p>Max frequency = 600Hz</p>	<p>Type E3 (N.P.N/P.N.P 3 wire) 10-30Vdc</p> <p>Max frequency = 1000Hz</p>
<p>Type E4 (N.P.N + P.N.P. - 2 Wire) 10-30Vdc</p> <p>Max frequency = 1300Hz</p>	<p>Type W 20-240V AC/DC (1 to 30 PPR only)</p> <p>Max frequency = 25Hz (AC) 1000Hz (DC)</p>	<p>Type N (Namur) 8-2 Vdc (1KΩ) Intrinsically safe circuits</p> <p>Max frequency = 2000Hz</p>
<p>Type E3 Q (Quadrature) 10-30Vdc</p> <p>CH "A" Leads CH "B" for clockwise rotation viewed from shaft end of encoder</p>		<p>Type E, E2 Q (Quadrature) 1 to 40 PPR inclusive</p> <p>Max frequency = 600Hz</p>