

**S-CAN 3D Ltd.**

Unit 10b,  
Bunn's Bank Ind Est,  
Attleborough  
Norfolk, UK  
NR17 1QD

Tel: +44 (0)1953 857800  
Email: [info@atpowerthrottles.com](mailto:info@atpowerthrottles.com)  
Web: [www.atpower.com](http://www.atpower.com)

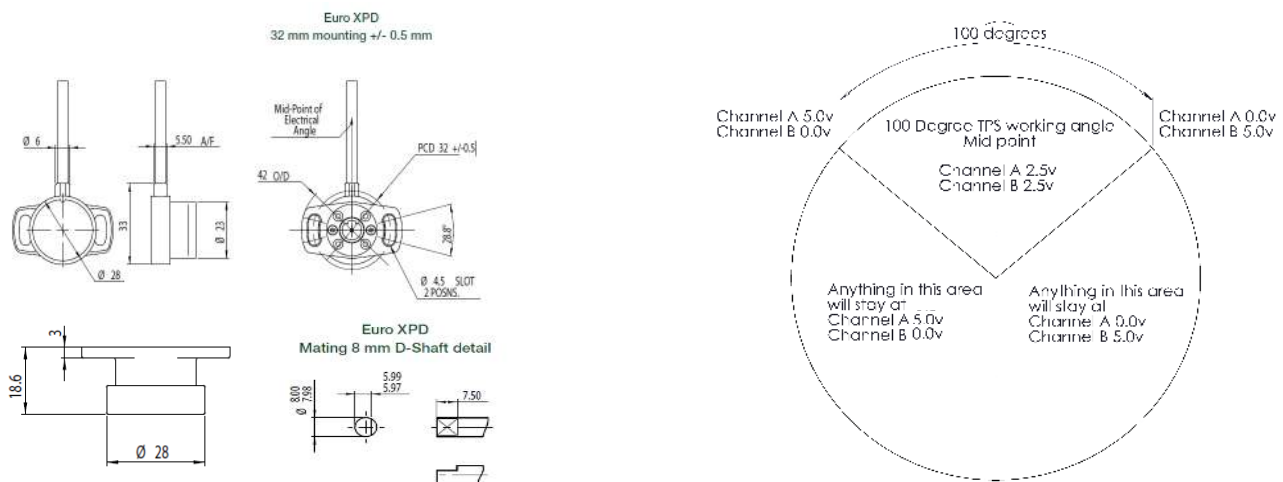


**Variohm Euro XPD D-Shaft - Programmable sensor**

- 8 mm D-Shaft Rotary Sensor • Hall Effect non-contact technology
- Long life - extremely robust • Programmable angles from 20° up to 360°
- IP68 protection • Redundant output Specifications

Based on the well proven 28 mm diameter Euro-XP angle sensor. With programmable angle selection and redundant output this compact and contactless Hall Effect sensor features IP68 sealing and will suit arduous high-duty cycle position feedback applications in all areas of motorsports.

<b>Mechanical</b>	
Typical Life Cycle	>50 million movements (restriction by mechanics)
Torque	< 0.1 Ncm
Measuring range	360° redundant, signal 1 cw, signal 2 ccw
Housing	High grade temperature resistant plastic
D-Shaft	Nylon 66
<b>Environmental</b>	
Operating temperature	-40°C to +125°C (Short term 150°C)
Vibration	5...2000 Hz; Amax = 0.75 mm; amax = 20g to IEC 60068-2-6
IP rating	IP68 (minimum)
Supply Voltage	5V+/- 0.5V
Output signal	Ratiometric 5%...95% of supply (+/-25mv of specified electrical output range for both start & end voltage)
Independent linearity	+/-0.5% of each signal range
Isolation resistance	200 MΩ (500 VDC, 1 bar, 2s)
Cable type	Raychem Spec 55, 24 AWG; Sleeving - Raychem DR25



We reserve the right to modify this file's content or make technical changes without notice. For purchase orders, agreed terms take precedence. S-CAN 3D Ltd. accepts no liability for errors or omissions in this document.  
Copyright Notice © S-CAN 3D Ltd.