

POD-AWD

Vehicle-Mounted Advanced Wire Detector

The CTS POD-AWD (Vehicle-Mounted Advanced Wire Detector) provides unrivalled performance in the detection of buried and surface laid interconnection or command wires associated with IEDs.

POD-AWD is an effective and reliable vehicle mounted wire detection sensor system suited for a wide range of operational scenarios including flank protection, search for buried command wires and route proving/clearance tasks.

DETECTION ON THE MOVE

POD-AWD incorporates state of the art technology to provide unrivalled performance against improvised explosive device threats whilst on the move.

Its unique reliability and performance (at typical operational speeds) gives high levels of user confidence and supports tactical movement of convoys and single vehicles to maximise operational tempo.

PROVEN PERFORMANCE

POD-AWD has been used on operations and successfully proven in a range of environments.

Positive wire detection can compliment and clarify other sensor readings and it can be used concurrently with other systems e.g. GPR and metal detection.

POD-AWD can be readily integrated with most vehicles via custom designed mounting interfaces.



POD-AWD

FEATURES & BENEFITS

- Innovative sensor head technology
- Exceptionally low False Alarm Rate
- Can be fitted to a range of vehicles (new or existing platforms) – individually or as an array
- Simple system interface offering intuitive use coupled with a low training burden.
- Sensor functions at typical operational speeds enabling maximum rate of advance
- A simple interface allows visual and audio target indicators
- Straightforward installation with minimal through life maintenance
- Rugged design, waterproof and immersible
- Can be powered direct from vehicle supply
- Operating temperature range: -20°C to +55°C
- Electro-Magnetic Compatibility with common in-service equipment



KEY SPECIFICATIONS

Parameter	Value
POD-AWD Sensor Approx Weight	7.8kg
Power Requirements POD-AWD (2) ; 2 Sensor plus Multiplexer	200mA @ 24V
Power Requirements POD-AWD (6) ; 6 Sensor plus Multiplexer	700mA @ 24V
POD MUX (2) Weight	2.1kg
POD MUX (6) Weight	2.2kg
Operational Temperature	-20 to +55°C
Storage Temperature	-40 to +70°C
Data Output Type	RS422

Item	Depth (mm)	Width (mm)	Height (mm)
POD-AWD Unit			
POD-AWD Sensor Unit	300	440	632
POD Multiplexer (2 or 6 output)			
POD Multiplexers	296	194	62



ORDERING INFORMATION

Description	Stock Number	NSN
POD-AWD (Short Stand-Off) Sensor	800-2321	TBD
POD-AWD (Long Stand-Off) Sensor	800-2322	TBD
POD Multiplexer (2 Input)	800-2323	TBD
POD Multiplexer (6 Input)	800-2324	TBD

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