



8010022 - Oxygen Sensor - APD16

[Supplier Outstanding returns](#)

8010022 First Intrastats Record :01 May 2014

[Open SRN/SRS Customer Repairs](#)

[Clean repair Codes](#)

[Show QA Stats](#)

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Date	S/n	Warr. New	Warr. Repair	Status Flag	Viamed Repair code	SRN	Account	Customer	Return box	Supplier Fault/notes
12/02/20	APD117680	on		Replaced	Edit Unknown Fault	SRN32356	VST0002	Ambient Pressure Diving Ltd	Box713	requested copy of credit/report

Count of types

Fault Code	Failures	Global Number Failures	New	Repair	Out Warr.	Clean Fault Code	Fault Type
CCN147	4	4	4			CCN147	Fault
Connector - Corrosion	3	3			3	Connector - corrosion	Fault
Connector And PCB - Corrosion	14	14			14	Connector and PCB - corrosion	Fault
Connector Off Centre	3	3			3	Connector off centre	Fault
Damaged Sensor	1	1			1	Defective sensor housing	Fault
Defective Sensor Housing	1	1	1			Defective sensor housing	Fault
Electrolyte Leakage	3	3	3			Electrolyte leakage	Fault
Erratic temperature compensation	2	2	2			Erratic temperature compensation	Fault
High Output	12	12	7		5	High output	Fault
Linearity Error	4	4			4	Linearity error	Fault
Loose Cap						Loose Cap	Fault
Low Output	8	8	4		4	Low output	Fault
No Fault Found	21	21	13		8	No Fault Found	No Fault
No Output	18	18	12		6	No output	Fault
Out Of Warranty	26	26			26	Out of warranty	No Fault
Output Cap Unattached	1	1	1			Output cap detached	Fault
PCB - Movement Within Casing	4	4	4			PCB - movement within casing	Fault
PCB Corrosion	4	4			4	PCB corrosion	Fault
Unknown Fault	1	1	1			Unknown Fault	Fault
Unstable Output Signal	18	18	11		7	Unstable output signal	Fault

Zero Offset Signal Out Of Tolerance	7	7	6	1	Zero offset signal out of tolerance	Fault
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Total Failures: 155

Total Returns 155

Total Units: 21722

VST Sold 2200

Total Customer Failures (Q.A. failures maybe double counted - do Visual Check): 0.71 %

Total Failures Caught at Q.A. Stage: 0

Total Failures (approx): 0.71 %

NOTE:

Be Advised the failure rates/statistics do not take into account Returns to stock (incorrect Orders), it also does not take into account No fault Finds. May have to adjust Failure %'s to compensate

Vandagraph VST Sensors

Risk Probabilitys as per Technical File

All clean we can produce some numbers

[Spread Sheet Graph Data](#)Any 'Fault' Over **5%** Fault Or any sudden Spike in a Fault Code Type, a Non conformance should be Raised.

Clean Fault Code	Type	Global Failures	Global %	Apr2021	May2021	Jun2021	Jul2021	Aug2021	Sep2021	
CCN147	Fault	4	0.018 %							Create NON Conformance / Risk Review
Connector - corrosion		3	0.014 %							Create NON Conformance / Risk Review
Connector and PCB - corrosion		14	0.064 %							Create NON Conformance / Risk Review
Connector off centre		3	0.014 %							Create NON Conformance / Risk Review
Defective sensor housing		2	0.009 %							Create NON Conformance / Risk Review
Electrolyte leakage		3	0.014 %							Create NON Conformance / Risk Review
Erratic temperature compensation	Fault	2	0.009 %							Create NON Conformance / Risk Review
High output		12	0.055 %					1		Create NON Conformance / Risk Review
Linearity error		4	0.018 %							Create NON Conformance / Risk Review
Loose Cap	Fault	0	0 %							Create NON Conformance / Risk Review
Low output		8	0.037 %							Create NON Conformance / Risk Review
No Fault Found	No Fault	21	0.097 %					4		Create NON Conformance / Risk Review

No output		18	0.083 %					2		Create NON Conformance / Risk Review
Out of warranty		26	0.12 %							Create NON Conformance / Risk Review
Output cap detached		1	0.005 %							Create NON Conformance / Risk Review
PCB - movement within casing		4	0.018 %							Create NON Conformance / Risk Review
PCB corrosion		4	0.018 %							Create NON Conformance / Risk Review
Unknown Fault	Fault	1	0.005 %							Create NON Conformance / Risk Review
Unstable output signal		18	0.083 %							Create NON Conformance / Risk Review
Zero offset signal out of tolerance		7	0.032 %							Create NON Conformance / Risk Review
Type Fault	Global Failures	Global %								
Fault	108	0.497 %								
No Fault	47	0.216 %								