

100% Leak-Free Oxygen sensors

The New Improved O2-A2 and O2-A3 from Alphasense. Making Oxygen sensor leaks a thing of the past.

In the same way that battery leakage damages electronic goods, electrolyte leakage from O2 sensors can limit the life of instruments, tarnishing the reputation of the manufacturer.

At Alphasense we believe in better, and for that reason we are proud to present our new improved O2-A2 and O2-A3 sensors, now guaranteed 100% leak free.

Key features

- Guaranteed 100% leak free
- Up to 10 x the temperature and humidity resistance of other mainstream brands
- At least 3.5 x less vulnerable to atmospheric conditions
- Backed by 25 years of innovation in Oxygen sensor production
- Fewer sensor replacements/reduced instrument failures
- Part numbers and performance characteristics remain unchanged



Alphasense
AMETEK®

Containment is key

Whilst other manufacturers see leakage in O₂ sensors as an inevitability, incorporating features such as vents which allow the sensor to relieve pressure, we believe in sensors which demonstrate zero leakage, even under the harshest of storage, transportation or operating conditions.

At Alphasense we believe containment of electrolyte is key to both long-term sensor performance and to the protection of devices and our customers valuable reputations.

A
SERIES



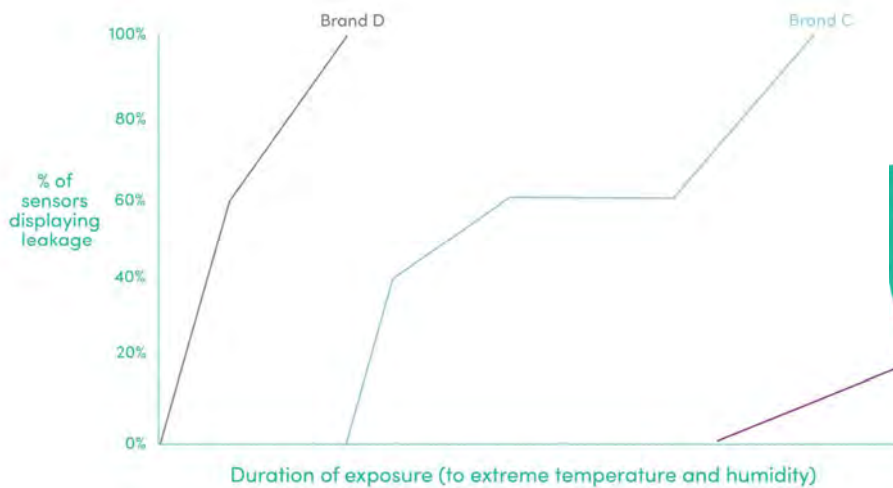
3.5x

10x

atmospheric resilience leak resistance

Confidence in performance

Accelerated life testing, perfected during our 25 years of O₂ sensor manufacturing, simulates the very conditions which cause sensor leakages, with each day under test representing months of operation under typical ambient conditions.



When compared to sensors from other mainstream manufacturers, the Alphasense O₂-A2 and O₂-A3 demonstrate far superior resistance to temperature and humidity, in fact **Alphasense sensors remain leak free, even when 75% of other sensors have failed.** Under accelerated life test, Alphasense sensors prove at least 3.5 times less vulnerable to atmospheric factors than their nearest competitors. When tested to destruction, **Alphasense sensors prove leakage resistant for 10 x longer than Brand D and 3.5 x longer than Brand C.**

An incremental difference under accelerated life test translates to many weeks in real terms. With this considered, the degree to which Alphasense leak-free O₂ sensors outperform their competitors is stark, **underlining a true commitment to quality and high-performance.**

No leaks, less waste

Fewer leaking O₂ sensors means less failures and less damaged instruments. That means less scrap and less devices being condemned to waste. With Alphasense O₂ sensors outperforming competitor sensors by at least 3 times under test conditions, the reduction in waste achieved in using Alphasense sensors vs others is significant.

With no change to part numbers of specs all existing customers have to do is enjoy the benefits.

To find out more, visit alphasense.com
or email sensors.alphasense@ametec.com

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