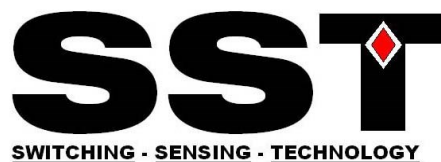
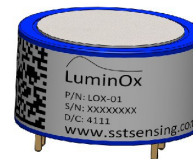


LuminOx Cross Sensitivity Application Note.



The table below shows a list of gasses that have been tested for cross sensitivity with the LuminOx range.

The list below is not exhaustive. Compatibility with gasses not on this list need to be tested by the customer. The fluorescence technology used in LuminOx is inherently extremely selective to O₂ so cross-sensitivity is generally unlikely.



Gas Measured	Cross Sensitivity
200 ppm NO in N ₂	None
100 ppm Acetaldehyde	None
100 ppm SO ₂ in N ₂	None
100 ppm H ₂ S in N ₂	None
100 ppm HCl in N ₂	None
5 ppm Ethylene	None
1% methane in N ₂	None
0.5% CO	None
100% CO ₂	None
100 ppm NO ₂ in air	No result observed due to instability of NO ₂ sample gas

WARNING

All SST Sensing Ltd products are tested under nominal operating conditions during the production process. Applications for our products are varied and, as these are outside our control, specification information provided is given without legal responsibility. Customers should test under their own conditions, to ensure that the sensors are suitable for their intended application.

CAUTION

Do not exceed maximum ratings. Carefully follow all wiring instructions, incorrect wiring can cause permanent damage to the device. Do not use chemical cleaning agents.

Failure to comply with these instructions may result in product damage.

General Note: SST Sensing Ltd reserves the right to make changes in product specifications without notice or liability. All information is subject to SST's own data and considered accurate at time of going to print.