The maximum outputs from the sensor (considered as being a source of generated energy) are as follows:

Maximum voltage (between sensing and counter electrodes):
- in 0% oxygen: \(1.25\ \text{V}\)
- in 20.9% oxygen: \(0\ \text{V}\)

Maximum current (in 30% oxygen): \(0.72\ \text{mA}\)

Maximum power (in 30% oxygen): \(1.08\ \text{mW}\)

These outputs are within the maximum figures (1.5 V, 100 mA and 25 mW respectively) for simple apparatus as stated in EN 60079-14:2003 Section 3.4.5 c.

The sensors can therefore be considered for their compatibility with the intrinsic safety aspects of the overall circuitry in which they are used.