**QUESTIONNAIRE**

Due to the large number of different devices (depending on the application, hardware and firmware), we require the following information (please insert the notes next to the respective question in red):

1. What kind of application do you have?
2. Which carrier gas (e.g. nitrogen, CO2, helium) is used or rather which medium is the measuring gas (composition) in?
3. What is the expected O2-level?
4. Do you want to determine other gas concentrations, too? Which ones?
5. What is the temperature range (minimum and maximum temperature of the measuring gas)?
6. How much pressure does the measuring gas have? Overpressure or vacuum?
7. Does the measuring gas contain flammable components (e.g. hydrogen, hydrocarbons; even in traces)?
8. Does the measuring gas contain catalyst poisons (e.g. phosphorous, lead, sulfuric compounds)?
9. Can condensation occur?
10. Does the measuring gas contain dusts or other fine particles?
11. Are there any special ambient conditions? How high is the ambient temperature?
12. Which way do you want to connect the measuring gas with the device (standard: 3mm compression fitting)?
13. Which output signal do you require (standard: analog output 4-20mA)?
14. Do you require a specific IP degree of protection?
15. Do you prefer a portable device?
16. Could you provide us with **a drawing of your application’s gas flow**?

**For probes only!!**

1. How can you connect the probe (e.g. KF flange or M18x1.5 thread; for larger probes, e.g. SS31 or KS20, flange with stuffing box)?
2. Do you require an output signal that is linearly proportional to the oxygen level?
   1. If yes → evaluation electronics by Zirox! With or without display?
3. How high is the gas flow velocity? Is a protection tube needed?
4. Which installation depth is required? Could you provide us with a corresponding drawing (place of installation, diameter of the gas channel/chamber, thickness of insulation)?

After receiving your information, we will try to provide you with a suitable offer.