Check List
RITTER MultiGas Sensors

Please use a separate check list for each gas stream.
* required data

Customer:

Application: Biogas ☐ Process control ☐ Automotive ☐
Ambient ☐ Stack gas/CEM ☐
Other:

* Gases to be analysed[1]:							
	CH_4 ☐	Range[2]: 0 ~ Select		CO_2 ☐	Range[2]: 0 ~ Select		
	CO ☐	Range[2]: 0 ~ Select		N_2O ☐	Range[2]: 0 ~ Select		
	C_nH_m[3] ☐	Range[2]: 0 ~ Select		CF_4 ☐	Range[2]: 0 ~ Select		
	SF_6 ☐	Range[2]: 0 ~ Select		O_3 ☐	Range[2]: 0 ~ Select		
	Cl_2 ☐	Range[2]: 0 ~ Select		H_2S ☐	Range[2]: 0 ~ Select		
	SO_2 ☐	Range[2]: 0 ~ Select		NO ☐	Range[2]: 0 ~ Select		
	NO_2 ☐	Range[2]: 0 ~ Select		O_2 ☐	Range[2]: 0 ~ Select		
	H_2O[4] ☐	Range[2]: 0 ~ Select					
	Other:				Range: 0 ~		
	Other:				Range: 0 ~		

[1] Selected gases and ranges might not always be combinable. Will be reviewed by RITTER.
[2] Measurement range = calibration range; cannot be changed by user after calibration. Custom ranges on request. Please state in field “Other” and/or “Miscellaneous”.
[3] Calibration with Propane
[4] H_2O vapour > 2 vol.% abs. with heated and thermostatted casing only to avoid condensation

* Remaining gas component(s) incl. concentration(s) in gas to be measured. **Must add up to approx. 100 vol.%** together with the above “Gases to be analysed”.	

Environmental Conditions:
* Temperature min/max: / °C * Humidity min/max: / %rH
* Pressure min/max: / mbar * Gas Flow min/max: / ltr/h

Data Interface: USB ☐ RS232 ☐ CANopen[5] ☐ CANbus[5] ☐
Options: Pressure sensor[5] ☐ Humidity sensor[5] (0-95 %RH) ☐
[5] (Surcharge) Analog Output[5]: 0-2V ☐ 0-5V ☐ 0-10V ☐
Heated and thermostatted sensor module(s)[5] ☐

Miscellaneous:

Name: **Company**: **Country:**

Date:

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Rev. 23-06-29