

TBX-H PerfectZero Selection Guide

Eleven questions to find the right heated sample line – fill in and send with your inquiry

Company / plant / sampling point

Date

Contact person

No.	Question	Why it matters	Your answer
MEASURING TASK			
1	Which components do you measure?	CO, NO _x , O ₂ , SO ₂ , NH ₃ , HCl ... determine material (PTFE/PFA) and holding temperature	
2	How low is your CO measuring range?	With low CO ranges at 180–200 °C, PerfectZero prevents a background signal	
3	Which holding temperature do you need?	Acid dew point of sulfur-containing flue gases up to approx. 150–155 °C; TBX-H up to 200 °C	
LINE AND INSTALLATION			
4	How long is the route?	Up to 450 m in one length; heating circuit length depends on heater and voltage	
5	How many sample paths, which diameter?	1 or 2 sample paths; 6×1 / 8×1 mm metric or imperial	
6	Which additional tubes or cables?	Calibration and media tubes, cables, temperature sensors can be integrated	
7	How will it be installed?	Bending radius Flex 4–5 ×, standard 8–10 × outer diameter; ambient –20...+70 °C	
CONNECTION AND DELIVERY			
8	Which supply voltage is available?	230 / 120 V or 400 / 480 V	
9	Terminated at the factory or on site?	Ready to connect from the factory or with the PSG termination kit	
10	Temperature controller needed?	External controller, e.g. ST49, pre-configured for PSG lines	
11	When do you need the line?	Standard approx. 2 weeks, with termination approx. 3 weeks; specials longer	

Completed the guide?

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