

**TEST REPORT** EX-TEC® SR 6, VARIOTEC® 9-EX  
Calibration: methane CH<sub>4</sub>/carbon dioxide CO<sub>2</sub>  
Serial Number (e.g.: 041 11 5001)     


04.12.2002

<b>1.0</b>	<b>Device status</b>							
1.1	- status correct (e.g.: Y / N)							
1.2	- fine-dust filters correct (e.g.: Y/ N)							
1.3	- remaining operating hours (e.g.: 5 h)							

<b>2.0</b>	<b>Pump test</b>								
2.1	- low pressure > 150 mbar								
2.2	- volume flow > 50 l/h								

3.0 PPM measuring range (gas detection)	
3.1	zero point - fresh air reading
3.2	test gas 10 PPM CH <sub>4</sub> - display ≥ 10 PPM
3.3	test gas 100 PPM CH <sub>4</sub> - display 70 ... 140 PPM
3.4	test gas 1.000 PPM CH <sub>4</sub> - display 800 ... 1.200 PPM
3.5	test gas 1,00 VOL.% CH <sub>4</sub> - display 0.80 ... 1.20 VOL.-%

<b>4.0</b>	<b>%LEL measuring range (gas warning)</b>							
4.1	zero point - display -3 ... +3 %LEL or - display -0,15 ... +0,15 VOL.%							
4.2	test gas 50 %LEL = 2,20 VOL.% CH <sub>4</sub> - display 45 ... 55 %LEL or - display 2,00 ... 2,40 VOL.%							
4.3	optical alarm (e.g.: Y/ N)							
4.4	audible alarm (e.g.: Y/ N)							

<b>6.0</b>	<b>Observations</b> <ul style="list-style-type: none"><li>- housing broken</li><li>- adjustment, repair</li><li>- factory inspection</li><li>- or the like</li></ul>								
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