

# Technical Data

<b>Type of Measuring Unit</b>	<b>WI/M</b>
<b>Measuring Gas</b>	All flammable gases
<b>Kind of Measurement</b>	Net calorific value or wobble index or energy heat flow
<b>Measuring Range</b>	Free eligible (factory setting) 50-100% from the final value of the measuring range for example: 50-100 (MJ/m <sup>3</sup> )
<b>Unit of Measurement</b>	Free eligible (factory setting) MJ/Nm <sup>3</sup> * kWh/Nm <sup>3</sup> * Mcal/Nm <sup>3</sup> *
<b>Output Signal</b>	◆ 0...20 mA (Load: ≤ 500 Ω) ◆ 4...20 mA (Load: ≤ 500 Ω)
<b>Digital Display</b>	3 ½ digits LE-Display
<b>Runtime Performance</b>	◆ Response time: 3s ◆ T <sub>50</sub> – time: 8s ◆ T <sub>90</sub> – time: ~30s after measuring unit of the measuring gas into the gas measuring unit dependent on the selected measuring range ◆ Warm-up period: 30 min
<b>Measuring Accuracy</b>	◆ Wobbe-Index ± 1,0% ◆ Energy heat flow ± 1,0% ◆ Net calorific value ± 1,5% from the final value of the measuring range
<b>Gas Consumption</b>	≈ 60-80 l/h dependent on the selected measuring range
<b>Features</b>	◆ Manual or automatic calibration is available; <b>M = std.</b> ◆ Input pressure 8-20 mbar ◆ Safety device – appealing by shortage of gas or cooling air and by power failure ◆ Automatic ignition device ◆ Wall-mounting case 600 x 600 x 210 mm (H x B x D) ◆ Painting RAL 7032
<b>Degree of Protection</b>	◆ Wall-mounting case IP 10 ◆ Fan unit IP 54 ◆ according DIN 40050 / IEC 529
<b>Weights</b>	◆ Measuring unit approx. 40kg ◆ Fan unit approx. 22kg
<b>Power Supply</b>	115/230 V 50 (60) Hz
<b>Connections</b>	Measuring gas/test gas: Cutting ring connector 8 mm Ø
<b>Applications</b>	Gas turbines, bio- and landfill gas, natural gas caverns, refineries, chemical plants, blast-furnace plants, coke oven plants, steel factories, power plants, gas and porcelain factories