

Features	Benefits
<b>19" Rack version</b>	
<b>SIL 2 compliant / software SIL3</b> <b>ATEX tested and certified</b> <b>Current LVD and EMC directive</b>	<ul style="list-style-type: none"> <li>• Improvement on safety functionality</li> <li>• Suitable for SIL2/ SIL3 applications</li> </ul>
<b>Improved menu navigation</b> (additional ESC key) <b>Additional failure codes</b>	<ul style="list-style-type: none"> <li>• Simplifies parameterization</li> <li>• Error and failure messages on the display warn of any operation anomalies</li> <li>• Display of extended and improved diagnostic data for easier troubleshooting</li> </ul>
<b>One hardware configuration for all detectors</b>	<ul style="list-style-type: none"> <li>• Operates with a wide range of detectors</li> <li>• Works with power-consuming detectors (e.g. PrimaX IR)</li> <li>• Satisfies a variety of gas monitoring applications</li> <li>• Completely configured by software, no hardware change necessary</li> </ul>
<b>Configuration on front menu</b>	<ul style="list-style-type: none"> <li>• Time saving for initial easy and quick configuration and setting</li> <li>• No tools are required for adjustments</li> </ul>
<b>Re-configuration of controllers is performed by software menu</b>	<ul style="list-style-type: none"> <li>• Controller settings without the use of tools or jumpers (operation by access codes)</li> <li>• If a detector needs to be changed, no new controller is required (re-configure existing controller)</li> </ul>
<b>Individual power supply for each controller board</b>	<ul style="list-style-type: none"> <li>• 24V battery backup</li> <li>• Automatic switch between AC and DC</li> </ul>
<b>New universal power supply with improved power distribution to connected sensors</b>	<ul style="list-style-type: none"> <li>• Allows installation of two IR detectors on one module</li> <li>• Worldwide range operation in AC and DC</li> </ul>
<b>Backwards compatibility</b> (works with former 9010/9020 version)	<ul style="list-style-type: none"> <li>• Existing systems can be expanded with SIL version</li> <li>• 1:1 replacement</li> </ul>
<b>Independent LCD display available for each channel</b>	<ul style="list-style-type: none"> <li>• 9010/9020 controller logical independency per module makes it highly economical</li> <li>• Ideal for small installations / gas monitoring systems</li> </ul>
<b>Diagnostic via device's own website</b>	<ul style="list-style-type: none"> <li>• Quick configuration check possible</li> <li>• Provides better and more detailed information on system status and condition</li> </ul>
<b>RS485 for Modbus RTU</b>	<ul style="list-style-type: none"> <li>• Most commonly used in gas detection industry</li> <li>• Reads remotely gas value and alarm status of the device</li> </ul>



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<b>Wall-Mount</b>	
<b>Ethernet for Modbus TCP</b>	<ul style="list-style-type: none"> <li>• Connectable to the company's network</li> </ul>
<b>IP65</b>	<ul style="list-style-type: none"> <li>• Upgraded resistance for dust and humidity increases areas of application</li> </ul>
<b>Perforated cable entries</b> (cable glands can be ordered separately)	<ul style="list-style-type: none"> <li>• No need for drilling holes into the case</li> <li>• Easy and quick installation of the cables</li> </ul>
<b>Terminal board and PCB fixed with only 3 screws</b>	<ul style="list-style-type: none"> <li>• Easy and comfortable installation and exchange of the PCB</li> </ul>
<b>Additional secure strip on lid</b>	<ul style="list-style-type: none"> <li>• More comfort during service and installation</li> </ul>

