Press release

The fastest safety PLC for process automation

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HIMA offers new solutions for safety applications that do not need redundant safety systems, either because process availability is non-critical or because the necessary redundancy already exists within the process.

Typical applications include: safety-related telecontrol systems for pipelines, distributed automated pharmaceutical applications, BMS solutions for single and multi burner systems, distributed, safety-related fire and gas systems, turbine control and wellhead control.

HIMA's HIMatrix series of safety-related controllers (certified up to SIL 3, Cat. 4 and AK 6 to IEC 61508, EN 954-1 and DIN V 19250) are currently the fastest safety concept in the world for process automation.

Six new remote I/O modules for the HIMatrix series significantly extend the range of possible solutions.

The HIMatrix series impresses with its extremely fast cycle times (approx. 0.02 ms for 1 K program), safety-related processing of analogue values and powerful communication options (safeethernet, Profibus, Modbus).

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Safety-related networking takes place on what is currently the world's fastest safety bus: safeethernet. safeethernet accelerates the transmission of safety-related data to 100 Mbps and does away with the need for a separate safety bus as the transmission of safety-related data can be integrated into a standard Ethernet network.

HIMA, the European market leader in safety-related process automation, has 35 years of experience in the development and implementation of safety-related solutions for the process industry and the largest number of installed systems in the world.

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