

Press Release

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Quality Monitor meets G24 Industrial process monitoring for networked production

The Quality Monitor is used for simple, reliable and industrial monitoring of the injection molding process on the basis of real process parameters. Cavity pressure and cavity temperature sensors and the process information obtained from them serve as the basis for this. This includes not only the classic functions such as monitoring the maximum cavity pressure, but also changes in each individual process phase such as viscosity.

The system has an integrated OPC-UA interface and is therefore the ideal IoT platform for transferring real quality data to a local server or a downstream MES system. Thus, the quality of the molded parts can be fully documented.

The topic of "networked process monitoring" is a broad field and includes a number of peripheral processes. Therefore, it makes sense to combine this functionality with other key components such as a hot runner control system. The Quality Monitor is now also available as an integrated process monitoring system in the G24 hot runner controller from Gammaflux - the world market leader for temperature and sequential valve gate controllers. In this way, the most important influencing variables in terms of quality are directly monitored and bad parts are sorted out based on their properties.

PRIAMUS and Gammaflux are partner companies within the Barnes Group Inc. /USA and at the same time leading companies in the field of process monitoring and control and in the field of hot runner control.

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