

moldMIND® II

MONITORING
WARNING
PROTECTING
MAINTENANCE



**THE DIGITAL COCKPIT
FOR YOUR MOLD**

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männer moldMIND® II

- › tamper-proof instrument for mold owners, molders, and moldmakers that can be used to monitor and analyze key parameters in the production process
- › records real-time process data generated in the injection mold: number of cycles, minimum and maximum cycle times, temperature profiles, operating times and downtimes
- › the internal memory is also available for additional information such as tool master data or user manual documentation
- › having data stored in the moldMIND® II cloud allows remote access from any location of the world

MONITORING

complete realtime data
seamless documentation
throughout the lifecycle of the mold

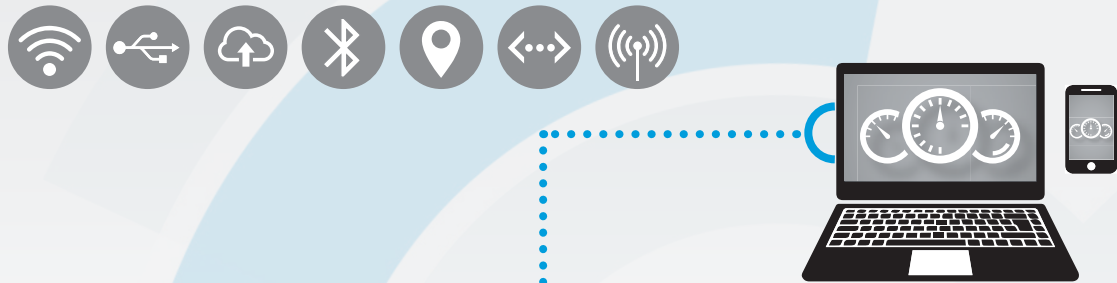


Alarm in case of malfunction

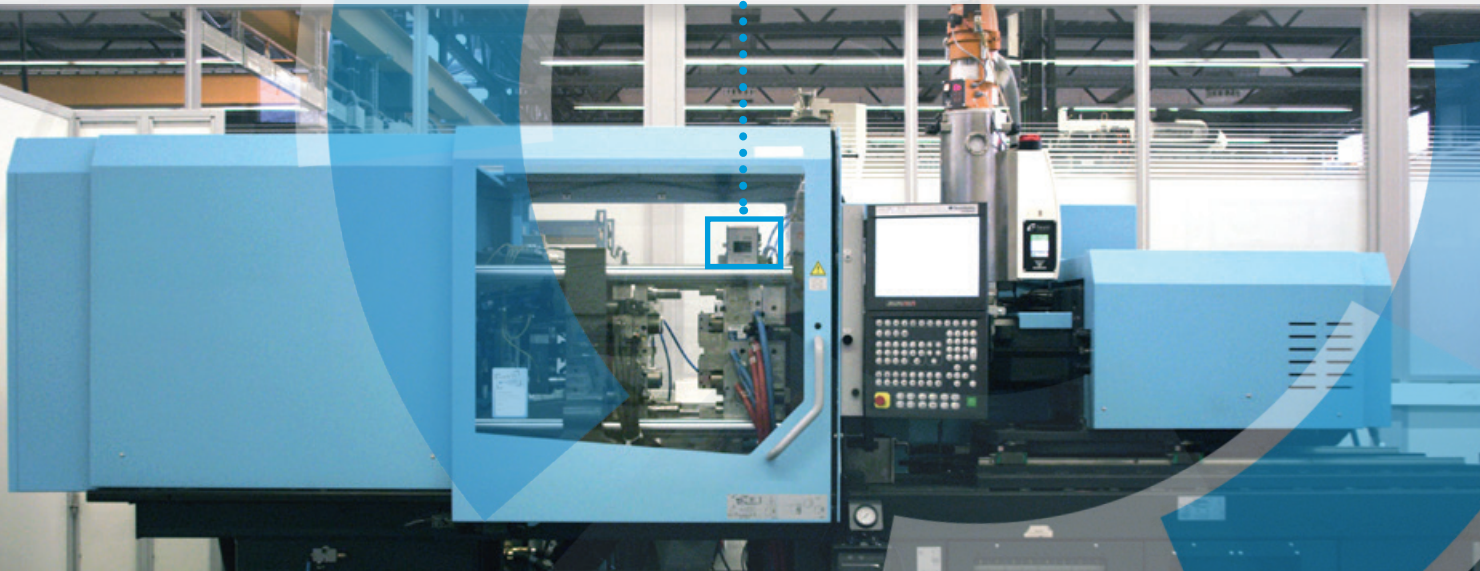
- › moldMIND® II logs events such as temperature deviations, sensor breakage or downtimes
- › in the case of critical deviations from the specified setpoint parameter, an alarm signal is generated. It can be sent to a smartphone to inform the operator for quick troubleshooting
- › control signals can also be output via digital I/Os, for example to automatically stop the injection molding machine in the event of malfunction
- › data can be accessed by a smartphone app, via BLUETOOTH, W-LAN, ETHERNET, USB or OPC UA

WARNING

alarm can be sent to mobile devices
for quick information
automatic stop of the press possible



moldMIND® II



Optimizing production processes

- › the analysis of historical data permits comparison of the production efficiency of molds, and provides information on possible improvements
- › owners and operators of many molds can use a GPS module to obtain an overview of the exact location of their molds
- › moldMIND® II supports the planning of maintenance and repair, spare parts management or mold refurbishment
- › moldMIND® II is being further developed to provide data for predictive maintenance concepts in the future

PROTECTING

localize your molds
analyse process data
preventive maintenance logs
data for predictive maintenance



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