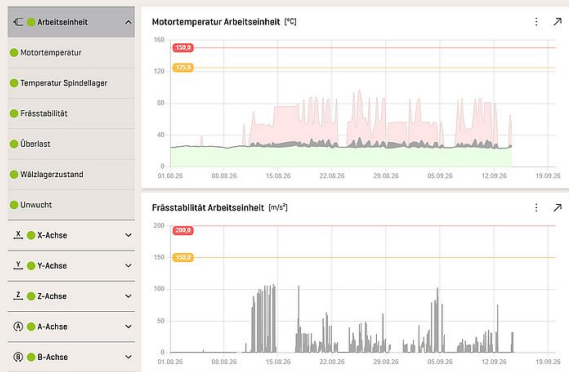


Spindle Condition (SC)

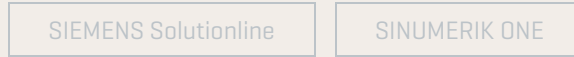
Availability | Digitalization



Series



Control



SC is a sensor-based function for monitoring the processes and states of the main spindle. The maximum acceleration and the maximum dynamic overload is determined during the monitoring process. The logged data are visualised in the HELLER Services Interface.

Characteristics

- _ Run time product
- _ Retrofit effort subject to technical inspection

Benefits

- _ Continuous spindle monitoring reduces unscheduled downtimes
- _ Minimisations of downtimes by scheduling service calls at an early stage
- _ Allows for condition-oriented maintenance and servicing
- _ Continuous recording of condition-relevant data: vibrations during machining, motor temperature, front spindle bearing temperature, dynamic overload

Requirements

- _ Depending on the existing machine configuration, SC requires the HELLER4Industry functionality HELLER Services Interface Global, if necessary with Remote Diagnostics, or HELLER Services Interface Private (if necessary with HELLER CONNECT Box). The technical requirements and contractual conditions are set out in the "Terms and Conditions HELLER4Industry".