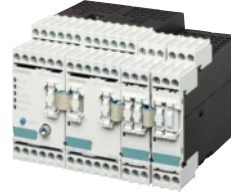


Products for Specific Requirements

Introduction

Condition monitoring systems



	SIPLUS CMS1000	SIPLUS CMS2000	SIPLUS CMS4000
Monitoring			
• Of motors, generators, fans, pumps, etc.	✓	✓	✓
- For imbalance, misalignment, roller bearings	✓	✓	✓
• Max. number of vibration channels	1	16	180
Analysis methods			
Characteristic values			
• Bearing monitoring: DKW, based on K(t) according to VDI 3832	✓	✓	✓
• Vibration monitoring: RMS based on DIN ISO 10816-3	✓	✓	✓
• CREST factor, etc. application-specific characteristic values	--	--	✓
Vibration analysis			
• Parameterizable	--	✓	--
• Configurable	--	--	✓
• FFT, envelope curve, fingerprint comparison, trend analysis	--	✓	✓
• Orbit analysis, free configuration of other analysis methods	--	--	✓
Monitoring functions			
• Adjustable limit values for DKW and RMS: Warning and alarm	✓	✓	✓
• Adjustable alarm ranges for frequency spectrums	--	✓	✓
• Limit value monitoring of analog values	--	✓	✓
• Temperature monitoring	--	✓	✓
• Creation of own monitoring algorithms	--	--	✓
Recording functions			
• Raw data recording: Manually or event-triggered, snapshot of the FFT, characteristic values, long-term trend recording	--	✓	✓
• Black box for process data	--	--	✓
Visualization			
• Traffic light status display via binary outputs	✓	✓	--
• Local display	✓	--	--
• Parameterization and online diagnostics via standard web browser	--	✓	--
• Software SIPLUS CMS X-Tools	--	--	✓

See Industry Mall or
www.siemens.com/siplus-cms

✓ Has this function

-- Does not have this function

For more information see Industry Mall or
www.siemens.com/siplus-cms.