



SIPLUS CMS2000 - BASIC UNIT VIB;
 2 IEPE VIBRATION ACCELERATION CHANNELS;
 2 ANALOGUE INPUTS FOR PROCESS VALUES;
 1 DIGITAL INPUT FOR ROTATION SPEED
 MEASUREMENT;
 3 DIGITAL OUTPUTS FOR SYSTEM- AND LIMIT
 MONITORING

General technical data:

product brand name		SIPLUS
Product designation		SIPLUS CMS2000 Basic Unit VIB
Protection class IP		IP20
physical measuring principle		Vibration acceleration
Browser software / required		Web browser Mozilla Firefox® or Microsoft Internet Explorer
Memory capacity / total	Gibyte	1
Material / of the enclosure		plastic
Type of hardware configuration		modular construction, basic unit can be expanded by means of expansion modules
Measuring range vibration frequency		
• initial value	Hz	2
• final value	Hz	10,000
Scanning frequency / maximum	Hz	46,875
Ambient temperature		
• during storage	°C	-25 ... +85
• during operating	°C	-20 ... +65
• during transport	°C	-25 ... +85
Relative humidity / without condensation / during operating phase		

• minimum	%	5
• maximum	%	95
Active power loss / total / typical	W	2.6
Reference code		
• according to DIN 40719 extended according to IEC 204-2 / according to IEC 750		P
• according to DIN EN 61346-2		P
Weight	g	300

Supply voltage:

Type of / supply voltage		DC
Supply voltage / 1 / for DC / rated value	V	24

Installation/mounting/dimensions:

mounting position		vertical
• recommended		vertical
Mounting type		standard rail
Width	mm	45
Height	mm	106
Depth	mm	124

Inputs/ Outputs:

Number of sensor inputs		
• for IEPE sensors		2
• for MEMS sensors		0
Number of disable inputs		1
Input voltage / at disable input / with DC / 24 V		Yes
Number of trigger inputs		1
Input voltage / at trigger input / with DC / 24 V		Yes
Number of rotational speed inputs		1
Input voltage / rotational speed input / DC 24 V digital		Yes
Range of input voltage / rotational speed input / -10 V ... + 10 V		No
Number of analog inputs		2
Range Input voltage / at the analog input / -10 V ... 10 V		Yes
Range Input current / at the analog input		
• 0 mA ... 20 mA		No
• 4 mA ... 20 mA		Yes
Product function / monitoring of sensor inputs		Yes
Number of indicator outputs		3
Design of output / indicator output		electronic

Connections:

Design of the electrical connection / of the inputs and outputs	screw terminal
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terminals:**Product function**

- removable terminal for main circuit
- removable terminal for auxiliary and control circuit

Yes

Yes

Design of the electrical connection / for auxiliary and control current circuit

screw-type terminals

Connectable conductor cross-section / for auxiliary contacts

- single- or multi-stranded
- finely stranded
 - with conductor end processing
 - without conductor final cutting

mm²

0.5 ... 4

mm²

0.5 ... 2.5

mm²

0.5 ... 2.5

Communication:**Type of data transmission**

Exporting of raw data as WAV file for further analyses (e.g. using SIPLUS CMS X-Tools) can be downloaded via browser

Product function / bus-communication

Yes

Design of the interface

- SIMOCODE interface
- Ethernet interface

Yes

Yes

Product function / diagnosis via E-mail

Yes

Service

- as web server / HTTP
- for open IE communication / TCP/IP

Yes

Yes

Certificates/approvals:**Verification of suitability**

CE, UL 508, CSA C22.2 Nr.142, C-Tick

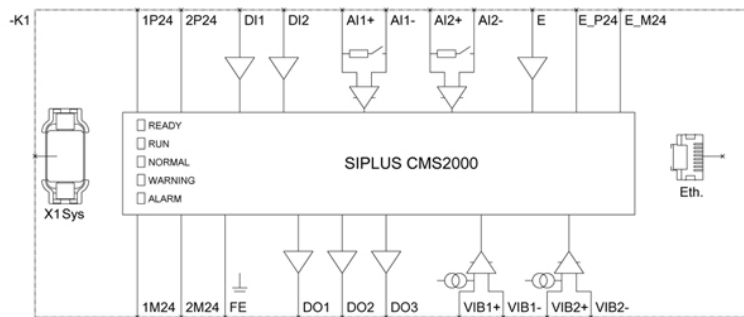
**General Product
Approval****Declaration of Conformity**

UL



EG-Konf.

Further information:



last change:

Aug 11, 2014