



SIPLUS CMS1000 BEARING GUARD;
ROLLER BEARING AND MASCHINE MONITORING
BASED ON CHARACTERISTIC VALUES;
K(T) ACCORDING TO VDI3832 AND RMS ACCORDING TO
DIN ISO 10816-3;
1*CMS1000-SENSOR INTERFACE;
1*SPEED ROTATION INPUT;
2*POTENTIAL FREE OUTPUT CONTACTS FOR WARNING
AND ALARM;
UB=24VDC;
115VAC UP TO 240VAC

General technical data:		
product brand name		SIPLUS
Product designation		SIPLUS CMS1000 Bearing Guard
Protection class IP		IP20
Material / of the enclosure		plastic
Ambient temperature		
• during storage	°C	-25 ... +60
• during operating	°C	-25 ... +60
• during transport	°C	-25 ... +60
Relative humidity / without condensation / during operating phase		
• minimum	%	5
• maximum	%	95
Consumed current / at 24 V / with DC / typical	mA	210
Active power loss / total / typical	W	3.5
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**

AC/DC

Supply voltage / 1 / for DC / rated value

V

24

Supply voltage / 1

- at 50 Hz
- for AC
- at 60 Hz
- for AC

V

115 ... 240

V

115 ... 240

Installation/mounting/dimensions:**mounting position**

- recommended

vertical

vertical

Mounting type

standard rail

Width

mm

45

Height

mm

106

Depth

mm

86

Distance, to be maintained, to the ranks assembly

- upwards
- forwards
- sideways
- downwards

mm

25

mm

80

mm

0

mm

25

Inputs/ Outputs:**Number of sensor inputs**

- for IEPE sensors
- for MEMS sensors

0

1

Number of disable inputs

1

Design of input / disable input / 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

Yes

Range of input current / rotational speed input

- 0 mA ... 20 mA
- 4 mA ... 20 mA

No

Yes

Number of indicator outputs

2

Design of output / indicator output

Relay output

Connections:**Design of the electrical connection / of the inputs and outputs**

screw terminal

terminals:

Product function / removable terminal for main circuit		Yes
Design of the electrical connection / for auxiliary and control current circuit		screw-type terminals
Product function / removable terminal for auxiliary and control circuit		Yes
Connectable conductor cross-section / for auxiliary contacts		
• single- or multi-stranded	mm ²	0.5 ... 4
• finely stranded		
• with conductor end processing	mm ²	0.5 ... 2.5
• without conductor final cutting	mm ²	0.5 ... 2.5
Tightening torque / with screw-type terminals		
• minimum	N·m	0.8
• maximum	N·m	1.2
Dimension de la tête de tournevis		Size 2 and Pozidriv 2
Design of thread / of connection screw		M3

Communication:

Product function / bus-communication

No

Certificates/approvals:

Verification of suitability

CE

Standard

- for interference immunity
- for safety

IEC 61326 - 1, IEC 61326 - 2 - 3
IEC 61010-1

Further information:

Information- and Downloadcenter (Catalogs, Brochures,...)

<http://www.siemens.com/industrial-controls/catalogs>

Industry Mall (Online ordering system)

<http://www.siemens.com/industrial-controls/mall>

Cax online generator

<http://www.siemens.com/cax>

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<http://support.automation.siemens.com/WW/view/en/6AT8001-1AA00/all>

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=6AT8001-1AA00

last change:

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