

SIPLUS CMS1000 SENSOR VIBRATION ACCELERATION
0 HZ UP TO 6.5 KHZ PROTECTION CATEGORY IP67 UB:
+5VDC

General technical data:

product brand name		SIPLUS
Product designation		SIPLUS CMS1000 SENSOR
Protection class IP		IP67
Material / of the enclosure		stainless steel
Ambient temperature		
• during storage	°C	-40 ... +120
• during operating	°C	-40 ... +120
• during transport	°C	-40 ... +120
relative humidity / with condensation / during operation		
• minimum	%	5
• maximum	%	95
Measuring range vibration acceleration	<i>g</i>	-5 ... +5
Measuring range vibration frequency	Hz	0 ... 6,500
Sensitivity of the vibration acceleration sensor / typical	mV/ <i>g</i>	312
Active power loss / total / typical	mW	20
Reference code		
• according to DIN 40719 extended according to IEC 204-2 / according to IEC 750		B
• according to DIN EN 61346-2		B
Type of voltage supply		via basic unit
Installation or assembly note		in the load zone of the bearing, radial to the drive axis
Weight	g	100

Installation/mounting/dimensions:

Mounting type		Screw connection via M6 thread
Length	mm	64
Diameter	mm	22

Connections:

Design of the switching output		solid state
Design of the electrical connection / of the inputs and outputs		4-pin socket M12

Certificates/approvals:

Verification of suitability

CE

Standard

- for interference immunity
- for safety

IEC 61326-1

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:

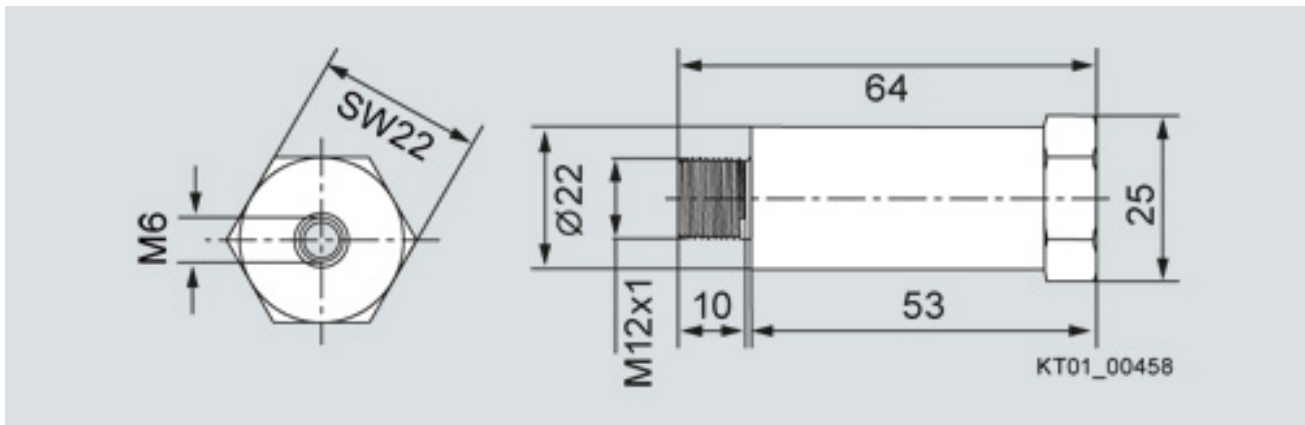
<http://www.siemens.com/cax>

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

<http://support.automation.siemens.com/WW/view/en/6AT8001-1AA00-1XA0/all>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=6AT8001-1AA00-1XA0



last change:

Aug 11, 2014