



SIPLUS CMS VIB-Sensor S02 Vibration sensor; Frequency range 1Hz to 15kHz; Measuring range 500G; Sensitivity 10mV/G (+/-10%); MIL connector on top

General information	
Product type designation	VIB-Sensor S02
Product description	piezoelectric sensor for connection to SIPLUS CMS1200 or SIPLUS CMS2000
Installation type/mounting	
Installation and mounting instructions	incl. mounting bolts UNF1/4-28 on M6 and M8
Input current	
Type of power supply	IEPE 2 to 10 mA
Encoder	
Encoder signals, IEPE	
• Signal voltage (DC), min.	10 V
• Signal voltage (DC), max.	14 V
Integrated Functions	
Measuring functions	
• Physical measuring principle	Piezo-quartz recorder with integrated evaluation electronics
• Operating range of sensor at +/- 3 dB, min.	1 Hz
• Operating range of sensor at +/- 3 dB, max.	15 000 Hz
• Resonance frequency	23 kHz
Measuring range	
— Measurement range vibration acceleration, max.	500 gn
— Sensitivity, typ.	10 mV/gn
Degree and class of protection	
IP degree of protection	IP65
Standards, approvals, certificates	
CE mark	Yes
RCM (formerly C-TICK)	Yes
KC approval	Yes
EAC (formerly Gost-R)	Yes
China RoHS compliance	Yes
Ambient conditions	
Ambient temperature during operation	
• min.	-50 °C
• max.	121 °C
Cables	
Cable length, max.	30 m
connection method / header	
Type of connection	MIL-C5015
Mechanics/material	

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Material of housing

Stainless steel

**last modified:**

12/18/2020 