



SIPLUS CMS VIB-Sensor S03 Vibration sensor; Frequency range 0.2Hz to 3kHz; Measuring range 10G; Sensitivity 500mV/G (+/-10%); MIL connector on top

General information	
Product type designation	VIB-Sensor S03
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.	0.2 Hz
• Operating range of sensor at +/- 3 dB, max.	3 000 Hz
• Resonance frequency	16 kHz
Measuring range	
— Measurement range vibration acceleration, max.	10 gn
— Sensitivity, typ.	500 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	

Material of housing

Stainless steel

last modified:

12/18/2020 