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## AV SENSOR 1000

GENERAL PURPOSE INDUSTRIAL  
ACCELEROMETER

BROCHURE

2017

amc VIBRO Sp. z o.o.  
Pilotow 2e  
31-462 Krakow, Poland  
T: +48 (12) 362 97 60  
S: + 48 (12) 362 97 63  
info@amcvibro.pl  
KRS No.: 0000618618  
REGON No.: 364497010  
VAT No.: PL6772403385  
[www.amcvibro.pl](http://www.amcvibro.pl)

## AVS 1000 - General purpose industrial accelerometer

General purpose top-entry constant current accelerometer with isolated AC output. Made from robust stainless steel throughout for long term vibration analysis in harsh environments. Internal electronics are isolated to minimize noise with increased bias voltage stability. Sealed to IP67 and includes 2-pin C5015 military style connector. Available with a wide range of mountings.

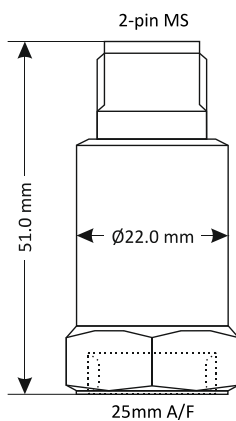
### AVS 1000



#### Technical data

Standard sensitivity	100mV/g $\pm$ 10% nominal @ 80Hz
Frequency response	2Hz $\div$ 10kHz $\pm$ 5% / (-3dB @ 0.8Hz)
Mounted base resonance	18kHz (nominal)
Isolation	Base isolated
Dynamic range	$\pm$ 80g
Transverse sensitivity	Less than 5%
Electrical noise	0.1mg max
Current range	0.5 $\div$ 8mA
Temperature range	- 55 $\div$ 140°C
Bias voltage	12V DC (nominal)
Case material	Stainless steel
Mounting connector	MTN/MH002
Maximum cable length	100m
Mounting torque	8Nm
Weight	110g (nominal)
Sealing	IP67

#### Dimensions



#### Applications

- » Data collection
- » Heavy industry
- » Paper machinery