

VIBROTECTOR®

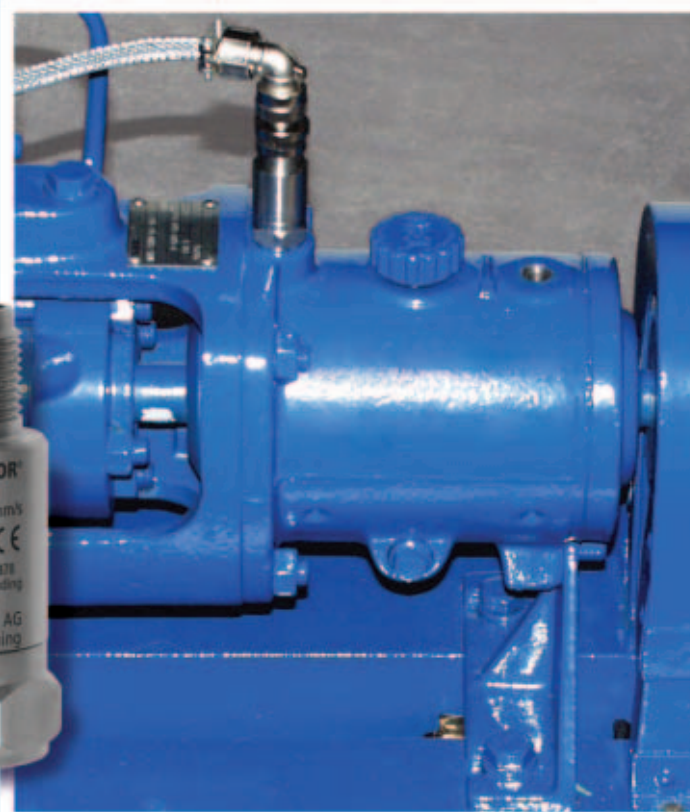
Effective machine protection

VIBROTECTOR® is the ideal vibration monitor for all machines which run under approximately constant operating conditions such as, e.g.:

- Fans
- Ventilators
- Pumps
- Electric motors

VIBROTECTOR® records broadband machine vibrations and transfers the resulting characteristic value as a current signal (4-20 mA) to the connected process control system. This value is compared with specified alarm thresholds and an alarm issued to the operating personnel if a value is exceeded.

4-20 mA



10 great reasons for vibration monitoring with VIBROTECTOR®

- ⊙ Continuous vibration monitoring
- ⊙ Direct alarm notification in the control system
- ⊙ Simple to mount on the machine
- ⊙ Low installation costs
- ⊙ No additional hardware required
- ⊙ No additional supply voltage required
- ⊙ Robust compact design
- ⊙ 4-20mA output
- ⊙ Conforms to ISO 10816-3
- ⊙ Ideal for OEMs

Technical data

VIB 5.730 (RPM > 600)	
Output signal	Current level (4-20mA)
Max. meas. value	10 mm/s
Frequency range ±10%	10 Hz ... 1 kHz
Resonance frequency	17 kHz
Insulation	complete
Temperature range	-25°C...+ 80°C
Temperature sensitivity	- 0.4 µA/K
Supply voltage (loop power)	24 VDC (±5%)
Valid burden	90...360 Ohm
Weight	80g
Environmental protection	IP 67
Connector type	Cable connector, 2 pin (Cannon, Mil-C5015)
Housing material	VA 1.4305
Mounting	M8 thread

VIB 5.735 (RPM ≥ 120)	
as for VIB 5.730, except	
Frequency range ±10%	2 Hz ... 1 kHz

VIB 5.736 (RPM ≥ 120)	
as for VIB 5.730, except	
Max. measurement value	20 mm/s
Frequency range ±10%	2 Hz ... 1 kHz

Connection cable **VIB 5.740-x**
incl. plug, one-side assembled (x=length)