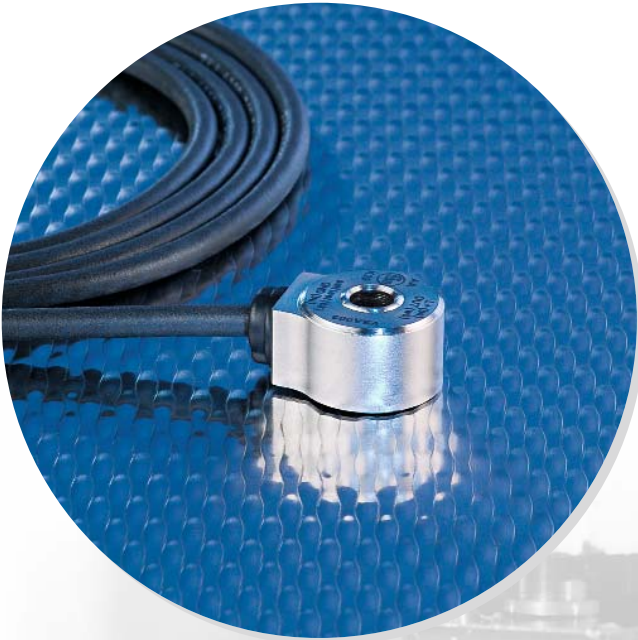




Miniaturised vibration sensor.



New design for connection to the diagnostic electronics VSE.

- Flat design of approx. 12 mm.
- Shielded cable entry on side.
- Integrated self-test.
- Wide frequency range up to 10 kHz.



High-grade stainless steel

IP 67

Vibration sensor VSA003

The accelerometer is used to detect measurement values for the *octavis* diagnostic electronics VSE.

The flat design and the lateral entry of the shielded cable make it possible to install the unit in locations which are difficult to access.

Using state-of-the-art silicon sensors the sensor sensitivity has a long-term stability, is temperature-independent and insensitive to mechanical and electrical interference.



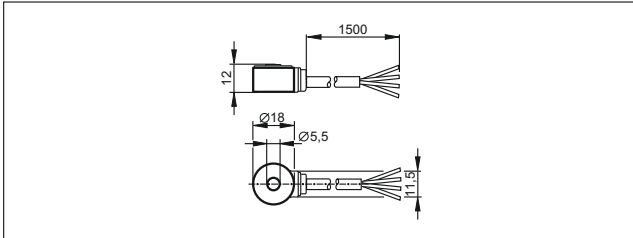
fluid sensors and diagnostic systems

position sensors and object recognition

bus, identification and control systems

Vibration sensor VSA003
for connection to the external diagnostic electronics of the series VSE

Dimensions



Technical data

Vibration sensor VSA003		
Operating voltage	[V]	9 DC
Current consumption	[mA]	< 15
Measuring range	[g]	± 17.5
Frequency range	[Hz]	0...10000
Protection		IP 67, III
Housing material		stainless steel (316S12)
Contact temperature	[°C]	-20...80
Ambient temperature	[°C]	-30...100
Wiring		blue: GND black: Test brown: L+ white: Out
Connection		PUR cable, 1.5 m; 4 x 0.14 mm ²