



# VSA007



## Accelerometer

VIBRATION SENSOR

| Tests / approvals    |                   |                         |
|----------------------|-------------------|-------------------------|
| EMC                  | EN 61000-6-2      |                         |
|                      | EN 61000-6-3      |                         |
| Shock resistance     | DIN EN 60068-2-27 | 50 g 11 ms              |
|                      |                   | 500 g 1 ms              |
| Vibration resistance | DIN EN 60068-2-6  | 20 g / 10 ... 2000 Hz   |
| UL approval          | Ta                | < 85 °C                 |
|                      | Enclosure type    | Type 1                  |
|                      | voltage supply    | Limited Voltage/Current |
|                      | File number UL    | E251902                 |

| Mechanical data                |      |  |
|--------------------------------|------|--|
| Weight                         | [g]  | 49.9                                     |
| Type of mounting               |      | 1/4"-28 UNF                              |
| Material                       |      | housing: stainless steel (1.4404 / 316L) |
| Tightening torque              | [Nm] | 8  |
| Mechanische Überlastfestigkeit | [g]  | 500                                      |

| Accessories    |                 |
|----------------|-----------------|
| Items supplied | washer, conical |

| Remarks       |        |
|---------------|--------|
| Pack quantity | 1 pcs. |

### Electrical connection

Connector: 1 x M12; coding: A; Maximum cable length: 250 m



|   |           |
|---|-----------|
| 1 | L+ (+9 V) |
| 2 | I out     |
| 3 | GND       |
| 4 | Test      |