

VIBRA wireless alarm beacon 2.0



Profound *VIBRA* alarm beacon

The *VIBRA* wireless alarm beacon is a rechargeable battery powered portable alarm that provides a visible alarm signal for a vibration monitoring system from the *VIBRA*-series.

After starting a measurement and upon exceeding a preset alarm threshold, the *VIBRA* system will automatically show an alarm text on the display. Simultaneously the *VIBRA* system transmits a wireless alarm signal to the alarm beacon.

The high intensity LED's of the alarm beacon effectively notify personnel of an exceeded vibration threshold.

Flexible use

The *VIBRA* wireless alarm beacon will receive alarm signals from all *VIBRA* systems within range, but can also be programmed to solely receive alarm signals from specifically linked *VIBRA* systems. Several beacons can also be linked to one *VIBRA* system.

Due to the wireless design and the integrated mounting options the beacon can easily be placed at clearly visible locations.

If another alarm device is required, the internal relay of the *VIBRA* wireless alarm beacon offers a flexible opportunity to link to other alarm devices.

Long operating life

The internal battery guarantees a long operating life. To indicate that the battery needs to be charged, the beacon will give a clearly visible red signal.

Technical specifications <i>VIBRA</i> wireless alarm beacon 2.0	
Flashing frequency	$f_{\text{flash}} = 0.5 \dots 5 \text{ Hz}$ Various signal patterns for different status
LED colours	Red, orange, green
Max. luminous intensity	3 x 25 cd
Alarm colour	High intensity red
Alarm threshold range	0.1 to 99.9 mm/s (set with the <i>VIBRA</i>)
Alarm duration	During 1, 2, 5, 10, 15, 30, 60 minutes or manual switch off (set with the <i>VIBRA</i>)
Max. distance between beacon and <i>VIBRA</i>	≤ 30 metres
Internal battery	Lithium-ion battery Charger 12V [charging time: 1 hour (80%)]
Operating life: standby	± 14 days
Operating life: flashing	± 15 hours
Auto shut-off	> 12 hours after last operation and no wireless signal received
Battery-low indication	$f_{\text{flash}} = 2 \text{ Hz}$ (during alarm) $f_{\text{flash}} = 1 \text{ Hz}$ (in standby mode) additional red flash during green or orange signal
Temperature range	- 10 °C to + 50 °C
Housing	Body: Black Pom Lens: PMMA
Protection rating	IP65 according to DIN 40 050/IEC 529
Dimensions	85 mm, Ø 110 mm
Weight	0.8 kg
Mounting options	Bottom side : 5/8" screw thread
Connector	M12 speedcon, 5-pos.
Relais contact	≤ AC 125V/1A
Linking option for all models	Up to 100 <i>VIBRA</i> systems to one beacon or several beacons to a single <i>VIBRA</i>
Accessories	<ul style="list-style-type: none"> Charger 12V 0.3A Car charger VIB.00434 Connection cable between <i>VIBRA</i> mini USB and alarm beacon VIB.00436 Fly-lead cable for connection to internal relay