

# VIBRA wireless alarm beacon



## 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 VIBRA wireless alarm beacon

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	: $3 \times 25 \text{ cd}$
Alarm colour	: High intensity red
Alarm threshold range	: 0.1 to 99.9 mm/s (set with the VIBRA)
Alarm duration	: During 1, 2, 5, 10, 15, 30, 60 minutes or manual switch off (set with the VIBRA)
Max. distance between beacon and VIBRA	: $\leq 30 \text{ metres}$
Internal battery	: Lithium-ion battery Charger 12V [charging time: 1 hour (80%)]
Operating life: standby	: $\pm 14 \text{ days}$
Operating life: flashing	: $\pm 15 \text{ hours}$
Auto shut-off	: $> 12 \text{ hours}$ 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	: $-10 \text{ }^\circ\text{C}$ to $+50 \text{ }^\circ\text{C}$
Housing body	: Black Pom
Housing lens	: PMMA
Protection rating	: IP65 according to DIN 40 050/IEC 529
Dimensions	: 85 mm, $\varnothing 110 \text{ mm}$
Weight	: 0.8 kg
Mounting options	: Bottom side : 5/8" screw thread
Connector	: M12 speedcon, 5-pos.
Relais contact	: $\leq \text{AC } 125\text{V}/1\text{A}$
Linking option for all models	: Up to 100 VIBRA systems to one beacon or several beacons to a single VIBRA
Accessories	: · Charger 12V 0.3A · Car charger · VIB.00436 Fly-lead cable for connection to internal relay

## FOR FURTHER INFORMATION

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