

# Interface Control Document

ModelD v.5 Harvester  
Version: 1.0  
Date: 2018-11-22



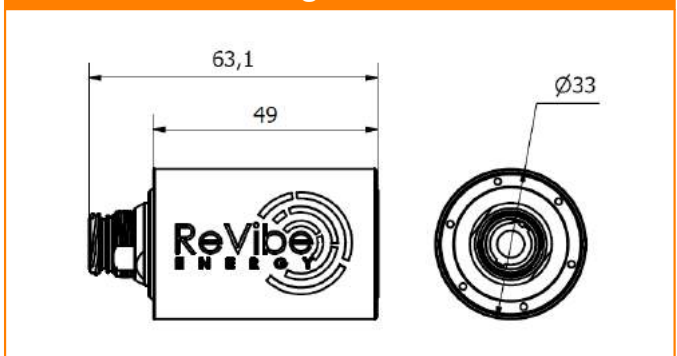
## About

- ▶ The ReVibe Energy modelD harvester is an electromagnetic vibration energy harvesting demonstrator.
- ▶ The harvester is designed for medium (0.2 – 1G) acceleration applications.
- ▶ The harvester is designed to operate on both sine and random vibration.
- ▶ **NOTE:** The modelD Harvester has currently no EMI shielding and should therefore be kept away from magnetically sensitive objects. To assure maximum performance during testing, make sure that the harvester unit is not affected by any magnetic objects.
- ▶ **The harvester should not be exposed to:**
  - ▶ Continuous in-band vibration above 1.5g more than 5 sec.
  - ▶ Shocks above 1000g.
  - ▶ Operating temperature below -20°C or above 60°C.

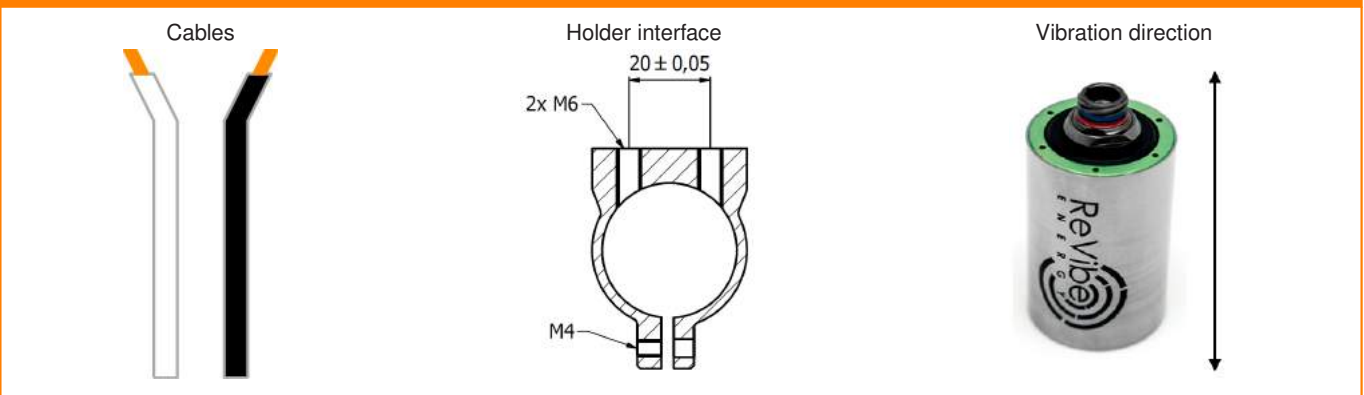
## Technical Specifications

Model	ModelD v.5 Harvester
Part Number	-
Serial Number	-
Target Frequency	50,60 or 80 Hz ( $\pm 1$ Hz)
Dimensions	H 63.1mm $\varnothing$ 33mm
Casing Material	Stainless steel
Weight	126 g
Output	Unregulated AC
Reference electrical load	1000 Ohm
Connector type	LEMO M-Series connector

## Mechanical Drawing



## Interface



## Contact

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