

## Energy harvester ECO 200

**The energy module ECO 200 is an energy converter for linear motion. It can be used to power the PTM 330 radio module or derivatives.**

The energy output at every actuation of the spring is sufficient to transmit 3 sub-telegrams with a PTM 330 module.

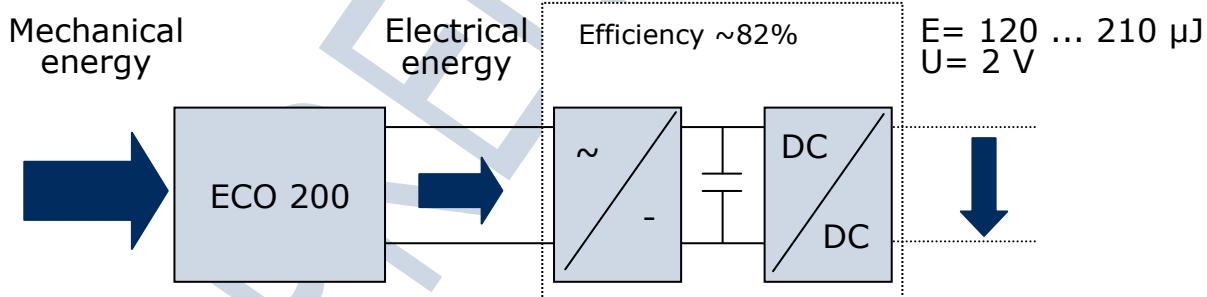
Possible applications are miniaturized switches and sensors in building technology and industrial automation.



### Features overview

Type	Ordering Code
ECO 200	S3016-N200
<b>Mechanical dimensions</b>	29.3 x 19.5 x 7.0 mm
<b>Actuating force / travel</b>	2.7 ... 3.9 N / 1.2 mm
<b>Switching cycles (up or down)</b>	typ. >300.000 at 25 °C in optimized applications >1 Mio cycles possible
<b>Operating temperature</b>	-25 up to +65 °C
<b>Energy output</b>	120 ... 210 µJ @ 2 V (with circuit specified below)
<b>Packing unit</b>	140 pcs, Tray

In order to achieve the performance specified above it is essential to follow the installation instructions provided by EnOcean!



Patent protected: EP 1389358, US 7391135, US2006/0091984 A1 (pending)

The ECO 200 is an energy harvester designed for use with radio modules produced by EnOcean. The use of the ECO 200 in combination with energy harvesting wireless communication is protected by EnOcean under international patents. Purchase of the ECO 200 does not include a license to any EnOcean intellectual property. The use of the ECO 200 in conjunction with energy harvesting wireless switches or sensors is allowed if a PTM 330 or PTM 330C is used as transmitter. In all other cases written approval of EnOcean is required.