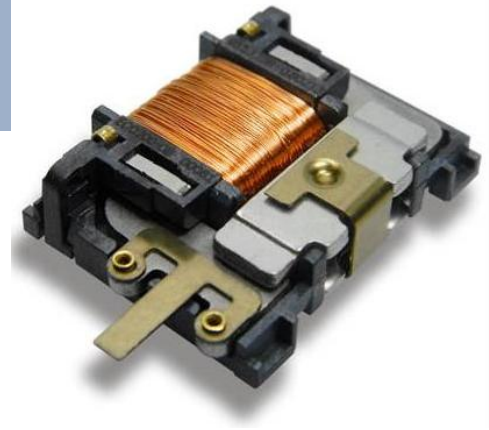


Energy harvester ECO 200

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.



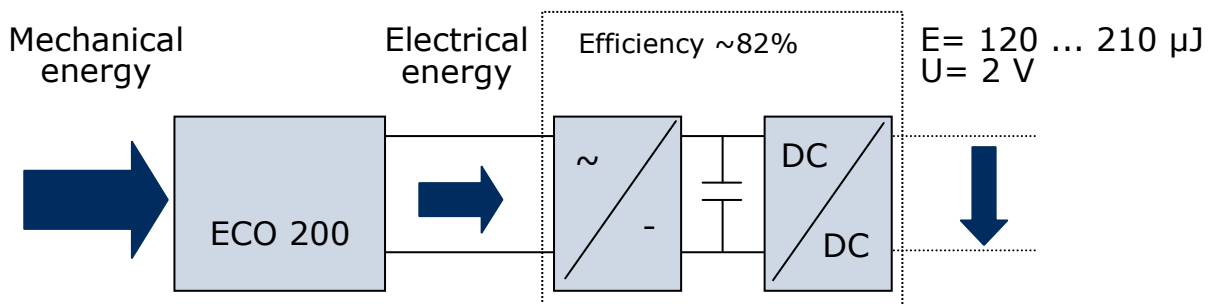
Type
ECO 200

Ordering Code
S3016-N200

Features overview

Mechanical dimensions	29.3 x 19.5 x 7.0 mm
Actuating force / travel	2.7 ... 3.9 N / 1.2 mm
Switching cycles (up or down)	typ. >300.000 at 25 °C in optimized applications >1 Mio cycles possible
Operating temperature	-25 up to +65 °C
Energy output	120 ... 210 µJ @ 2 V (with circuit specified below)
Packing unit	400 pcs, Tape & Reel

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, PTM 330C, PTM 330U or PTM 430J is used as transmitter.

In all other cases written approval of EnOcean is required.