

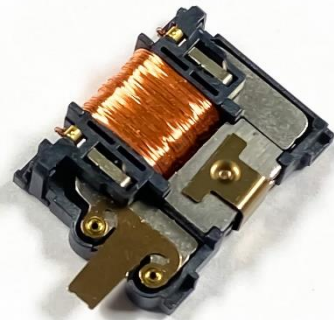
Energy Harvester

ECO 260

The energy harvester module ECO 260 is an energy converter for linear motion.

ECO 260 can be used to power all EnOcean radio modules of the PTM 535 product family (EnOcean Alliance, Bluetooth Low Energy, Zigbee Green Power) for push button or other applications.

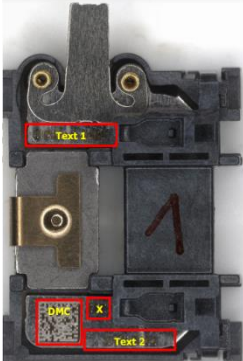
ECO 260 generates energy at every actuation of the spring (push or release). Target applications are self-powered buttons, switches, and sensors for building and industrial automation.



TYPE
ECO 260

ORDERING CODE
S3016-N260

Feature Overview

Mechanical Dimensions	29.3 x 19.5 x 7.0 mm
Actuating force	1.6 N ... 2.7 N (details see installation instruction)
Weight	8 g
Actuating travel	1.5 mm ... 1.6 mm (details see installation instruction)
Mechanical lifetime	typ. >1.000.000 actuations at 25 °C (up or down)
Operating temperature	0 °C ... +40°C (-25°C ... +65 °C under evaluation)
Energy output	120 ... 210 µJ @ 2 V (when using the PTM 535 power management)
Packing unit	400 pcs, Tape & Reel
Recommended Radio Modules	EnOcean Alliance Radio: PTM 535 (868.300 MHz) PTM 535U (902.875 MHz) PTM 535J (928.350 MHz) Bluetooth Low Energy (BLE): PTM 535BZ (2.4 GHz) Zigbee Green Power (ZGP): PTM 535BZ (2.4 GHz) PTM 535Z (2.4 GHz)
Product Integration	ECO 260 has to be integrated according to the definitions provided by "ECO 260 Installation Instruction".
Marking	<div style="display: flex; align-items: flex-start;">  <div style="margin-left: 10px;"> <p>Text 1: <product name>-<stepcode><version> example: „ECO260-DA01“</p> <p>Text 2: <serial number> example: 13122200113</p> <p>DMC: <text 1>+<manufacturer number>+<serial number> example: "ECO260-DA01+911333F+31052200001"</p> <p>X: internal production mark</p> </div> </div>