

PCN #: ExRPB-Revision\_DD

Change Title: ESRPB and EDRPB Product Update to PTM 216B

Date of publication: May 30<sup>th</sup>, 2023

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### Products affected / EnOcean ordering codes

- ESRPB
- EDRPB

### Description of change

- PTM 215B will be replaced by the next generation PTM 216B which uses a new electronic platform together with the new ECO 260 kinetic energy harvester. ESRPB and EDRPB products will be updated to include PTM 216B.
- PTM 216B will provide a higher transmission power than PTM 215B
- PTM 216B will provide the option for payload encryption which can be enabled via NFC
- PTM 216B will provide the option to change the default button status encoding via NFC
- NFC commissioning tools can distinguish between ESRPB / EDRPB modules using PTM 215B and PTM 216B by reading the "Device Name" field in the NFC interface ("PTM 216B " versus "PTM 215B ")
- QR code commissioning tools can distinguish between ESRPB / EDRPB modules using PTM 215B and PTM 216B by reading the product revision field (DA, DB, DC for products using PTM 215B versus DD for products using PTM 216B)

### Reason for change

- Redesign was required because key components of the PTM 215B module have been discontinued
- New features have been added according to customer requirements

### Milestones

- Pre-change products: Deliveries until July 2023
- Post-change products: Deliveries from August 2023

### Step codes after change

- ESRPB:DD
- EDRPB:DD

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### Customer impact of change and recommended action

- New orders will be delivered with the new revision
- Commissioning tools might need to be updated to account for the new product name in NFC memory and on the QR code

### Reference Documents / Attachments

- PTM 216B User Manual V1.0

### PCN revision history

Date of revision	Author	Revision number	Reason
May 30th, 2023	MKA	00	Original PCN