

PCN #: S3221-A215-Revision_DB-06-PCN-20180328

Change Title: PTM 215B Label and SW Update

Date of publication: May 29, 2018

Products affected / EnOcean ordering codes

- PTM 215B / S3221-A215

Description of change

Following customer feedback, the following feature set modifications and extensions will be implemented for PTM 215B:

- **Modified feature: Correction of error in commissioning telegram format**

The existing version had the length field incorrectly set to 0x1E.

The new version will have the length field correctly set to 0x1D

See user manual chapter 5.3.2

- **Modified feature: QR code in product label**

The product label of PTM 215B will be modified to use only one QR code instead of the two DMC codes used in the existing version.

The existing version used two DMC codes (one for manufacturing and one for product description). There was no space remaining for additional approval markings required for sale in Japan. Additionally, the QR code syntax was different between the PTM 215B module and the EWSxB / ExRPB finished products.

The new version will merge these two DMC codes into one QR code. This QR code will use the same format as the EWSxB and ExRPB finished products.

The ARIB code required for sale in Japan will be added.

See user manual chapter 8.2

- **New feature: Disable commissioning telegrams without NFC**

In the old version, the transmission of commissioning telegrams could only be disabled via NFC.

The new version will additionally provide the option to disable the transmission of commissioning telegrams by pressing and holding for 10 seconds A0, A1 and B1.

Transmission of commissioning telegrams can be re-enabled via factory reset

See user manual chapter 5.3.4

- **New feature: Option for 10 ms intervals between advertising events**

The existing version always used 20 ms intervals between advertising events.

In single-channel mode, this resulted in telegram transmission sequences longer than 100 ms.

The new version provides the option to select 10 ms intervals via NFC

See user manual chapter 6.7.8

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Milestones

- Pre-change products: Deliveries until June 2018
- Post-change products: Deliveries from July 2018

Reason for change

- Bug fix (commissioning telegram)
- Label modification required to enable sale in Japan
- New features according to customer requirements

Step codes after change

- PTM 215B DB-06

Customer impact of change and recommended action

- Modify QR scanning if the label of the PTM 215B module is scanned
- Verify radio-based commissioning (now uses correct length)

Reference Documents / Attachments

- PTM 215B User Manual V1.8

PCN revision history

Date of revision	Author	Revision number	Reason
May 29, 2018	Kassner	00	Original PCN