

PCN – Process/Product Change Notification

PCN-Number: PCN-2018-05
Date: 27.08.2018

Customer: -
Supplier Site affected: -
Subject: K-LD2-RFB-00H-01

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1. Description and Purpose of Change

This product change affects only firmware of the sensor. Changes in the firmware includes the following adaptations:

- If the module is used in continuous mode it happened that module stopped working after a few days. The new firmware fixes this bug.
 - If the module detected a movement all information for this detection (speed, amplitude) was latched at the time of detection. This information was not updated for a continuously visible detection (no retrigger). The new firmware changes this behaviour in a way that the sensor will update all the measured data during a continuous detection.
 - At power-up the module measures the environment to generate an average noise level. This is used as a threshold for detection. Using parameter `s05` it is possible to adjust the number of measurements used for this learning phase. The new firmware changes the learning algorithm to improve the environment learning and to prevent false detections during start-up when the module is used at maximum sensitivity.
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2. Type of Change

- Change in FIT
 - Change in FORM
 - Change in FUNCTION
 - Change of quality or reliability
 - Product End of life notification
 - Changes of test specification limits
 - Change of supplier in supply chain to manufacture the product
 - Changes of specification limits of manufacturing processes
 - Production from new or modified tools
 - Change of the process recipe
 - New source of raw material from new or existing supplier
 - Change in test/inspection method - new technique (no effect on acceptance criteria)
 - Production from tooling and equipment transferred to a different plant site or from an additional plant site
 - Change in Packing/shipping
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3. Risk Assessment and Planning

Scheduled change date: 30.09.2018
Current product available until: K-LD2-RFB-00H-01 not available anymore
Traceability / Labeling: New article number: K-LD2-RFB-00H-02
Risk assessment: -
Product qualification necessary? No
Sample availability: from 30.09.2018

4. Change Category

- Customer approval requested
- Notification to customer

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5. Approval

RFbeam Approval

Léon Audergon

Your approval is kindly requested by signing the documents and returning it to RFbeam within 10 days. Lack of acknowledgment of the PCN within 30 days constitutes acceptance of this change

Customer Company Name _____

Name _____

Position _____

E-Mail / Phone _____

Date _____