Product Change Notification (PCN)

PCN #: 7E-2021   *DATE: Jul 27, 2021*

1   PRODUCTS AFFECTED

Laird Part Number	Old Rev.	New Rev.	Description
Temp and Humidity Sensors			
455-0001	12	14	Kit, Sentrius RS191 Sensor, Temp and Humidity, NA, 915 MHz
455-0002	12	14	Kit, Sentrius RS186 Sensor, Temp and Humidity, EU, 868 MHz
455-00059	5	7	Kit, Sentrius RS191 Sensor, Temp and Humidity, TW, 923 MHz
455-00060	4	6	Kit, Sentrius RS191 Sensor, Temp and Humidity, NZ, 923 MHz
455-00061	4	6	Kit, Sentrius RS191 Sensor, Temp and Humidity, HK, 923 MHz
455-00062	4	6	Kit, Sentrius RS191 Sensor, Temp and Humidity, AU, 915 MHz
455-00063	4	6	Kit, Sentrius RS191 Sensor, Temp and Humidity, AU, 923 MHz
455-00095	1	3	Kit, Sentrius RS191 Sensor, Temp and Humidity, SG, 923 MHz
External Probe Sensors			
455-00064	5	6	Kit, Sentrius RS191 Sensor, External Temp Probe, TW, 923 MHz
455-00065	4	5	Kit, Sentrius RS191 Sensor, External Temp Probe, NZ, 923 MHz
455-00066	4	5	Kit, Sentrius RS191 Sensor, External Temp Probe, HK, 923 MHz
455-00067	4	5	Kit, Sentrius RS191 Sensor, External Temp Probe, AU, 915 MHz
455-00068	4	5	Kit, Sentrius RS191 Sensor, External Temp Probe, AU, 923 MHz
455-00069	5	7	Kit, Sentrius RS186 Sensor, External Temp Probe, EU, 868 MHz
455-00070	5	6	Kit, Sentrius RS191 Sensor, External Temp Probe, NA, 915 MHz
455-00097	1	2	Kit, Sentrius RS191 Sensor, External Temp Probe, SG, 923 MHz
Open/Closed Sensors			
455-00040	3	5	Kit, Sentrius RS191 Multi-Sensor, External Open/Closed inc. Integrated Temp and Humidity, NA, 915 MHz
455-00041	4	5	Kit, Sentrius RS186 Multi-Sensor, External Open/Closed inc. Integrated Temp and Humidity, EU, 868 MHz
455-00072	2	4	Kit, Sentrius RS191 Multi-Sensor, External Open/Closed inc. Integrated Temp and Humidity, NZ, 923 MHz
455-00073	2	4	Kit, Sentrius RS191 Multi-Sensor, External Open/Closed inc. Integrated Temp and Humidity, HK, 923 MHz
455-00074	2	4	Kit, Sentrius RS191 Multi-Sensor, External Open/Closed inc. Integrated Temp and Humidity, AU, 915 MHz
455-00075	2	4	Kit, Sentrius RS191 Multi-Sensor, External Open/Closed inc. Integrated Temp and Humidity, AU, 923 MHz
455-00100	1	3	Kit, Sentrius RS191 Multi-Sensor, External Open/Closed inc. Integrated Temp and Humidity, SG, 923 MHz

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Laird Part Number	Old Rev.	New Rev.	Description
RTD Sensors			
455-00103	4	5	Kit, Sentrius RS191 Sensor, External RTD Temp Probe, NA, 915 MHz
455-00104	4	6	Kit, Sentrius RS186 Sensor, External RTD Temp Probe, EU, 868 MHz
455-00105	1	2	Kit, Sentrius RS191 Sensor, External RTD Temp Probe, TW, 923 MHz
455-00106	2	3	Kit, Sentrius RS191 Sensor, External RTD Temp Probe, NZ, 923 MHz
455-00108	1	2	Kit, Sentrius RS191 Sensor, External RTD Temp Probe, SG, 923 MHz
455-00109	2	3	Kit, Sentrius RS191 Sensor, External RTD Temp Probe, HK, 923 MHz
455-00110	2	3	Kit, Sentrius RS191 Sensor, External RTD Temp Probe, AU, 915 MHz
455-00111	2	3	Kit, Sentrius RS191 Sensor, External RTD Temp Probe, AU, 923 MHz
Bundle Kits			
455-00121	4	5	Kit, Sentrius RS186 Open-Closed + RG186, K1, EU
455-00122	3	4	Kit, Sentrius RS191 Open-Closed + RG191, K1, NA

These top-level part numbers include various accessories and packaging, as well as the main Sentrius LoRa Sensor. All changes implemented in these kits have been associated with the LoRa Sensor itself and the table below shows the correlation between the included sensor and associated kits.

Included Sentrius LoRa Sensor – Internal Part Number				
Laird Part Number	Old Rev.	New Rev.	Description	Associated Kit
450-0180	10	11	Sentrius RS191 Sensor, External Temp Probe, NA, 915 MHz	455-00070, 455-00064, 455-00065, 455-00066, 455-00067, 455-00068, and 455-00097
450-0181	10	12	Sentrius RS186 Sensor, External Temp Probe, EU, 868 MHz	455-00069
450-0182	15	16	Sentrius RS191 Sensor, Temp and Humidity, NA, 915 MHz	455-0001, 455-00059, 455-00060, 455-00061, 455-00062, 455-00063, and 455-00095
450-0183	15	17	Sentrius RS186 Sensor, Temp and Humidity, EU, 868 MHz	455-0002
450-00096	3	4	Sentrius RS191 Multi-Sensor, External Open/Closed inc. Integrated Temp and Humidity, NA, 915 MHz	455-00040, 455-00071, 455-00072, 455-00073, 455-00074, 455-00075, 455-00100, and 455-00122
450-00097	3	5	Sentrius RS186 Multi-Sensor, External Open/Closed inc. Integrated Temp & Humidity, EU, 868MHz	455-00041 & 455-00121
450-00098	4	5	Sentrius RS191 Sensor, External RTD Temp Probe, NA, 915MHz	455-00103, 455-00105, 455-00106, 455-00108, 455-00109, 455-00110, & 455-00111
450-00099	4	6	Sentrius RS186 Sensor, External RTD Temp Probe, EU, 868MHz	455-00104

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2 DESCRIPTION OF CHANGES

All changes have been applied to Sentrius sensor part numbers 450-0181, 450-0183, 450-00097, & 450-00099:

- UKCA Back Label Update (Only for EU units)

All changes have been applied to Sentrius sensor part numbers 450-0182, 450-0183, 450-00096, & 450-00097:

- PE Bag Removal from Kit

All changes have been applied to Sentrius sensor part numbers 450-0180, 450-0181, 450-0182, 450-0183, 450-00096, 450-00097, 450-00098, & 450-00099:

- GA5.2 FW Release – v7.0 21_6_11
  Release Notes are located at: Release Notes for GA5.2

Some of the assemblies and kits have multiple changes or combination of the changes described above. These assemblies and kits will show a multiple level revision change.

3 REASON FOR CHANGE

- To ensure compliance with latest UKCA certification standards
- Manufacturing Assembly Improvements
- GA5.2 FW update for Sentrius Sensor

4 ANTICIPATED IMPACT OF THE CHANGE:

- No form fit or functional hardware changes
- New feature and bug improvements as per release notes, linked above

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5 METHOD OF IDENTIFYING THE CHANGED PRODUCT

5.1 Top Level Part Number Changes (packaged kits/bundle kits)

- ▪ Latest revision changes available as revision number printed on kit content label for all kits (Label located on the bottom left corner of the base kit label). Specific kit part number and revision printed on the label within red square area.

Note: [text obscured] bel info as printed on the [text obscured]

On Sensor Changes section).

5.2 On Sensor Changes

- Labelling Changes for all latest revision sensors – Revision change available as revision number printed by barcode and within barcode for all sensor back labels.

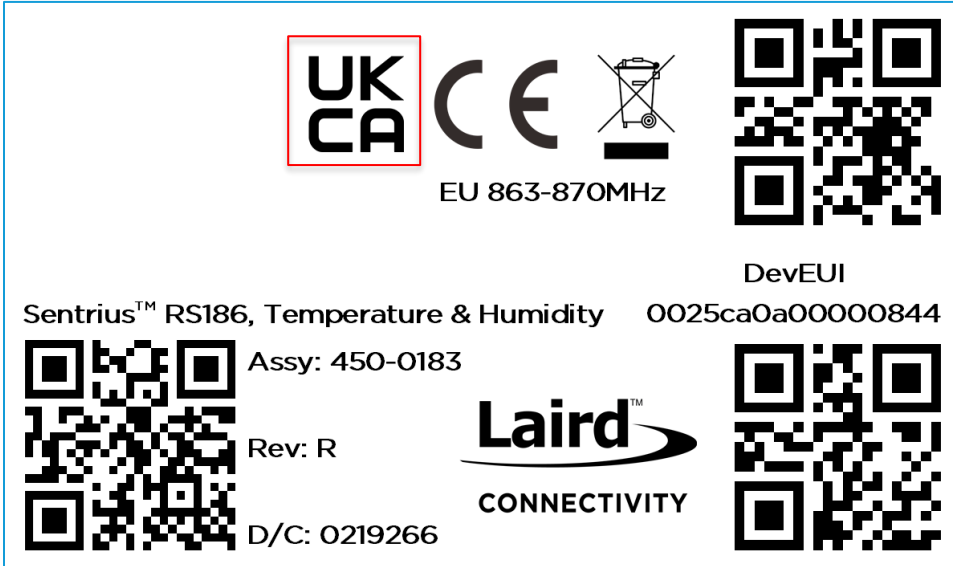**Note:** Revision level shown for reference. The appropriate revision level will be printed on the label.

- UKCA labelling changes for all relevant sensors will show the UKCA logo on the sensor back label.

6 FACTORY EFFECTIVITY DATE

- This will be a rolling change with products at the new revisions, shipping starting in third quarter 2021.

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Product Change Notices (PCNs) will be distributed at the discretion of Laird Connectivity. Occasionally, Laird Connectivity may adjust product revision levels for internal tracking purposes only, and customers may not receive formal notifications associated with those revision changes.

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