

Statement by Aspöck Systems on the subject:

Implementation of statutory requirements pursuant to UNECE R156/155 and ISO 24089/21434, and assessment of software-controlled vehicle components (SUMS/CSMS)

Dear all,

Here is the assessment of our software-controlled vehicle components (SUMS/CSMS)

1.) 75-0210-007 Aspöck TPMS Receiver Rx18

Criterion	Assessment / Response
Does the component contain software?	✓ Yes
Is the software updateable?	✗ No – Only by the manufacturer, proprietary, with security key.
Is the component configurable?	✓ Yes
Is the software version readable?	✓ Yes – with software capable of processing .odd files.
Does the functionality change through an update?	✗ No – Not updatable; only the manufacturer can perform this.
Safety-relevant (ISO 26262 / ISO 21434)?	✗ No

Statement on the assessment pursuant to UNECE R156 (SUMS)

The component under consideration, Aspöck TPMS Receiver Maxrx18, contains software but is not updatable by third parties (e.g. vehicle manufacturers or users). Updates can be carried out exclusively by the hardware manufacturer through a protected process (security key and dedicated software)

Parameterization is possible; however, this does not constitute a software update within the meaning of UNECE R156.

The current software status (firmware version) can be read out only with suitable tools capable of processing .odd files.

The component is not safety-relevant within the meaning of ISO 26262 (functional safety) or ISO/SAE 21434 (cybersecurity).

2.) 75-0600-017 RADC 2.0 ECU

- Does the component contain software? ☒ Yes
- Is the software updatable? ☒ Yes, but only with the Aspöck RADC Config Tool.
- Is the component configurable? ☒ Yes
- How can the software status (firmware) be identified or read out on the component?

Readable with the RADC Config Tool.

- Does the functionality change through an update?
Since the functionality can be parameterized through the RADC Config Tool, this may possibly constitute an intervention in the functionality

- Is the component safety-relevant within the meaning of functional safety (ISO 26262) or cybersecurity (ISO/SAE 21434)?

☒ No

The component is not safety-relevant within the meaning of ISO 26262 (functional safety) or ISO/SAE 21434 (cybersecurity)

The person technically responsible who confirms this information:

Steiner Erwin

Freundliche Grüße | Best Regards



Erwin Steiner

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