

Rufa - Feature #454

Verify smoothener

04.12.2023 11:21 - Maximilian Seesslen

Status:	Neu	Beginn:	04.12.2023
Priorität:	Normal	Abgabedatum:	
Zugewiesen an:		% erledigt:	0%
Kategorie:		Geschätzter Aufwand:	0.00 Stunde
Zielversion:		Aufgewendete Zeit:	0.00 Stunde
CS Zielversion:			

Beschreibung Smoothing and error detection was implemented. Once the LED-Lamp was switched off, the noise was completely gone. Verify if there are still errors and smoothening could be switched off in normal environment. -- There is still some small noise but no errors any more. Filtering the errors is fine. But there is still an shift in the values when LED lamp is on. There are also errors when CANBridge is active. • Put rufa in a metal box • Run rufa with an powerbank • Rufa can go to error-Blinking again when dropped messages; big noise is a problem, not a feature • Send Warning-Status to cordyceps: send device-status; remove object if problem is gone ◦ Good ◦ Warning ◦ Poor environment ◦ Dead, non-functional • Shift also existant just with CANBridge? [20251104] With 100nF the problem seems to be very reduced. Smoothening code is still valid for horo. It may increase resolution when high count is used, e.g. 100 measurements. In cordyceps sahen die Spruenge aber noch bescheiden aus. Das muesste mit dem Smoothener eigentlich verschwinden.
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Historie

#1 - 05.12.2023 15:53 - Maximilian Seesslen

- Beschreibung aktualisiert

#2 - 12.12.2023 16:54 - Maximilian Seesslen

- Beschreibung aktualisiert

#3 - 12.12.2023 16:55 - Maximilian Seesslen

- Beschreibung aktualisiert

#4 - 04.11.2025 10:34 - Maximilian Seesslen

- Beschreibung aktualisiert

#5 - 04.11.2025 10:48 - Maximilian Seesslen

- Beschreibung aktualisiert

#6 - 04.11.2025 10:57 - Maximilian Seesslen

- Beschreibung aktualisiert