

Certificate



Functional
Safety

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ID 060000000

No.: 968/FSP 2181.01/21

Product tested Multicell battery stack monitoring IC **Certificate holder** Analog Devices Inc.
One Analog Way
Wilmington, MA 01887
USA

Type designation ADBMS6815WFS, ADBMS6817WFS

Codes and standards ISO 26262-2:2018 ISO 26262-7:2018 (in extracts)
ISO 26262-4:2018 (in extracts) ISO 26262-8:2018
ISO 26262-5:2018

Intended application The ADBMS6815 / ADBMS6817 is a multicell battery stack monitor that measures up to 12 / 8 series connected battery cells with a total measurement error of less than 1.2 mV. The products fulfil the applicable requirements for a Safety-Element-out-of-Context (SEooC) up to ASIL D.

Specific requirements The product has to be integrated and used according to the requirements of the safety manual as well as the data sheet. Appropriate environmental testing on control unit level for the Multicell battery stack monitoring IC according to ISO 26262-5, Clause 10.4.6 needs to be implemented by the integrator.

Valid until 2026-06-17

The issue of this certificate is based upon an examination, whose results are documented in Report No. 968/FSP 2181.01/21 dated 2021-05-31.

This certificate is valid only for products which are identical with the product tested.

TÜV Rheinland Industrie Service GmbH
Bereich Automation
Funktionale Sicherheit
Am Grauen Stein, 51105 Köln

Köln, 2021-06-17

Certification Body Safety & Security for Automation & Grid

Dr. R. G. A.

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