

**TÜV-Verband Type Test Leaflet electrical equipment
transport of dangerous goods**

**Type tested electrical equipment
Type test approval No. 095-05**

BP EGG 0095-eng:2024-04-18
Replaces BP EGG 0095:2020-08-31

According to test report of TÜV NORD Mobilität GmbH & Co. KG dated 2024-01-31
Test report number 143.004.23

Valid until 2029-01-31

The TÜV-Verband Type Test Leaflets are protected by copyright. Reproduction – including copying, photomechanical reproduction, and reprinting – or distribution of any part of these documents requires the prior consent of the publisher. For further guidance see TÜV-Verband-Merkblatt Allgemeines 001.

Published by: TÜV-Verband e. V. | Friedrichstraße 136 | 10117 Berlin

Printing and distribution: TÜV Media GmbH | Am Grauen Stein 1 | 51105 Cologne | TÜV Rheinland Group

English translation of German edition 2024-04-18:

This translation has been produced externally on behalf of the TÜV-Verband (TÜV Association). The TÜV-Verband takes no responsibility for any errors in the translation. Any comments or suggestions for improvement should be addressed to the TÜV-Verband. In the event of any doubt or dispute, the latest edition of the German text shall prevail.

1 **Manufacturer/Distributor**

Jost-Werke Deutschland GmbH
Siemensstr. 2
63263 Neu-Isenburg
GERMANY

2 **Design**

variant A: SCS 1-, 2- or 3-sensor system
variant B: SCS, remote controlled
variant C: Comfort Coupling System (CCS)
C1: CCS-I
C2: CCS-U
variant D: electric-powered landing gear

3 **Type**

Sensor Coupling System (SCS JSK)
Comfort Coupling System (CCS)
electric-powered landing gear

Type designation

A: SCS
B: SCS, remote controlled
C: CCS
D: electric-powered landing gear

Marking

TÜ.EGG 095.05

4 **Normative requirements**

- ADR 2023, part 9
- TÜV-Verband-Merkblatt Beförderung gefährlicher Güter 5205, edition 2023-05-02
- TÜV-Verband-Merkblatt Beförderung gefährlicher Güter 5207, edition 2023-05-02
- Gefahrgutverordnung Straße, Eisenbahn und Binnenschifffahrt (GGVSEB), edition 2023-03-10
- DIN ISO 6722-1:2011-10 + Cor. 01:2012-09 (cable dimensioning)
- DIN EN 60529:2019-06 (IP rating)

5 Tasks of the officially recognised expert testing the electrical equipment for acceptance

- control of marking,
- locking of electrical connectors,
- correct installation of electrical junctions:
 - unacceptable junction to vehicle ground,
 - correct fuse protection of electric circuits,
 - operation of battery main switch,
- separate ground connection between saddle plate shell and vehicle mass of the tractor,
- fitting of conductors free from abrasion,
- for 1-sensor system (variant A1, see 2.1.1 and 3.1.1) correct execution of any manufacturer created extension cable,
- for CCS (variant C, see 2.3 and 3.3) and electric power drive for landing gear (variant D, see 2.4 and 3.4) correct execution of any manufacturer created power supply,
- for vehicles of categories EX/II and EX/III: no parts of the system fitted in the load compartment
- for vehicles of classes FL and AT: no parts of this equipment fitted
 - inside closed fitting cabinets and hose boxes,
 - within a radius of 0.5 m around shut-off valves of the vapour recovery line, around shut-off valves and around dome valves that can be opened during operation,
 - within a radius of 0.5 m around non-shut-off ventilation devices that are open under normal operating conditions (such as tilt valves),
 - within a radius of 0.5 m around the outlet of the safety valves (class 2).

The cables have to be fitted to the requirements of TÜV-Verband-Merkblatt 5205 (ADR 2023)/ EN 60079-14:2014, clause 9.3.6.

6 Type test approval mark

TÜ . EGG . 095 - 05

7 Remarks

- 7.1 Test medium
see test report 143.004.23 of TÜV NORD GmbH & Co. KG
- 7.2 Range of application
semi-trailer tractor and semi-trailers
- 7.3 Safe lock
cable connections with bayonet or slide fixture with lock