

Certificate

ID-Number: TRRC/CB 20/335

Functional Safety of Axle Counter System, type S295

Certification Body

TÜV Rheinland Rail Certification B.V.

Owner of Certificate and Manufacturer
PINTSCH GmbH
Hünxer Straße 149
D- 46537 Dinslaken

Type designation /
Product tested

Generic Application Axle Counter System, type S295

Bases of
Assessment ¹⁾
Assessment Report /
Date ²⁾

EN 50126-1:1999+AC:2010, EN 50129:2003

TRRC/B 20/335, 2020-05-11

Assessment Result ³⁾

The chosen and applied safety processes, safety methods and safety concepts for the design and development of the Generic Application Axle Counter System of type S295 are regarded as suitable to achieve the safety target SIL 4 as specified in the Generic Application Safety Case EL-82071-00-11, Rev. 11. They have been successfully applied from the Assessor's point of view.

The necessary evidence has been provided, that the Generic Application Axle Counter System fulfils the qualitative and quantitative safety requirements according to EN 50129:2003 for SIL 4 applications. The Generic Application Axle Counter System of type S295 is considered fit for its intended purpose as generic application under consideration of the safety-related application conditions as described in chapter 4.3 of the Safety Assessment Report TRRC/B 20/335.

Validity

The Validity of the Certificate is unlimited as long as the product and its material properties are not modified.

¹⁾ Further Codes and standards to be applied are contained in the assessment report.

²⁾ This assessment report is an integral part of the certificate.

³⁾ The assessment result is justified in detail in the assessment report.

2020-05-15

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Certification Body
(Peter Wigger)