

Certificate



SIL/PL
Capability

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No.: 968/FSP 1462.01/22

Product tested	Load Cell single channel / double channel	Certificate holder	Vishay Nobel AB Skrantahöjdsvägen 40 691 46 Karlskoga Sweden
Type designation	KIMD, KIMD-D, KOSD, KOSD-D, KISD, KISD-D		
Codes and standards	EN ISO 13849-1:2015 EN ISO 13849-2:2012	EN 61508 Parts 1-7:2010	
Intended application	Measuring of mechanical shear forces or tensions. The single channel versions can be used in applications up to PLc / Cat. 1 / SIL 1. The -D double channel versions can be used in applications up to PL d / Cat. 3 / SIL 2.		
Specific requirements	Cross monitoring (only for double channel versions) and plausibility check (e.g. cable break detection) is required to be performed by the external overall measuring instrument. Suitable EMC suppression has to be performed at the externally connected measuring instrument. The user is responsible to select the appropriate type of load cell for the application.		

The issue of this certificate is based upon an evaluation in accordance with the Certification Program CERT FSP1 V1.0:2017 in its actual version, whose results are documented in Report No. 968/FSP 1462.01/22 dated 2022-08-18. This certificate is valid only for products, which are identical with the product tested.

TÜV Rheinland Industrie Service GmbH

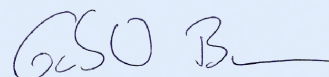
Bereich Automation

Funktionale Sicherheit

Am Grauen Stein, 51105 Köln

Köln, 2022-08-24

Certification Body Safety & Security for Automation & Grid


Dipl.-Ing. Gebhard Bouwer