



TÜVRheinland®

ZERTIFIKAT
CERTIFICATE

EC Type-Examination Certificate

Reg.-No.: 01/205/5356.00/13

Product tested	Incremental Encoders for Safety Applications	Certificate holder	BEI Sensors 9, Rue de Copenhague - BP 70044 Espace Européen de l'Entreprise 67013 Strasbourg France
Type designation	DSM5, DSO5, DSM9, DSU9	Manufacturer	see certificate holder
Codes and standards forming the basis of testing	EN 61800-5-2:2007 EN 62061:2005 + AC:2010 + A1:2013 EN ISO 13849-1:2008 + AC:2009 IEC 61508 Parts 1-7:2010		
Intended application	Safety-related speed and position measurement at rotary machines. The encoders comply with the requirements of the relevant standards (Cat. 4 / PL e acc. to EN ISO 13849-1, SIL CL 3 acc. to EN 61800-5-2 / EN 62061 / IEC 61508) and can be used in applications up to Cat. 4 / PL e acc. to EN ISO 13849-1 and SIL 3 acc. to EN 62061 / IEC 61508.		
Specific requirements	The instructions of the associated Installation and Operating Manual shall be considered.		
It is confirmed that the product under test complies with the requirements for machines defined in Annex I of the EC Directive 2006/42/EC.			
This certificate is valid until 2018-11-22.			

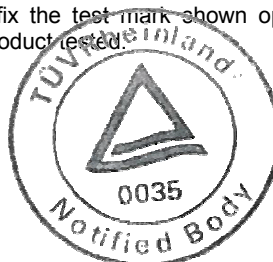


Functional Safety Type Approved

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The issue of this certificate is based upon an examination, whose results are documented in report-no.: 968/M 406.00/13 dated 2013-11-22.

The holder of a valid licence certificate for the product tested is authorized to affix the test mark shown opposite to products, which are identical with the product tested.



Berlin, 2013-11-22

Certification Body for Machinery, NB 0035

Dipl.-Ing. Eberhard Frejno