

UK Type-Examination Certificate



For UK Regulations SI 2008 No. 1597
The Supply of Machinery Regulations 2008

Reg.-No.: 01/205U/5868.00/22

Product tested	SMART T-Connector with DCD	Certificate holder	Bernstein AG Hans-Bernstein-Str. 1 32457 Porta Westfalica Germany
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Type designation	SEU-1/0-T45-C-X-AB, SEU-1/0-T45-C-X-AIDA, SEU-1/0-T45-C-X, SEU-1/0-T45-C
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Codes and standards	EN ISO 13849-1:2015 EN 62061:2005 + AC:2010 + A1:2013 + A2:2015	IEC 61508 Parts 1-7:2010
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Intended application	Provide safety monitoring and non-safety diagnostics of connected devices. The SMART T-Connector with DCD monitors the input from a device and from the DCD series input to provide two solid-state OSSDs (Safety Outputs) and diagnostic information to the next SMART T-Connector compatible device. The devices comply with the requirements of the relevant standards (Cat. 4 / PL e acc. to EN ISO 13849-1, SIL CL 3, SIL 3 acc. to EN 62061 (IEC 62061:2005 + A1:2012 + A2:2015) / IEC 61508) and can be used in applications up to PL e acc. to EN ISO 13849-1 and SIL 3 acc. to EN 62061 (IEC 62061:2005 + A1:2012 + A2:2015) / IEC 61508.
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Specific requirements	The instructions of the associated Installation, Operating and Safety Manual shall be considered.
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This product is in conformity with all requirements of SCHEDULE 2, PART 1 (Annex I) of SI 2008 No. 1597.
This Type-Examination certificate refers to an evaluation of the above mentioned product as stipulated in SCHEDULE 2, PART 9 (Annex IX) of SI 2008 No. 1597.

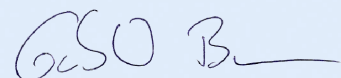
Valid until 2025-11-04

The issue of this certificate is based upon an examination, whose results are documented in Report No. 968/FSP 2333.02/22 dated 2022-06-29.
This certificate is valid only for products which are identical with the product tested.

Köln, 2022-09-12

TUV Rheinland UK Ltd.

Approved Body for Machinery, No. 2571


Dipl.-Ing. Gebhard Bouwer