

EC Type-Examination Certificate



Reg.-No.: 01/205/5617.02/24

Product tested	Load Measuring Pin (LMP)	Certificate holder	Huisman Czech Republic s.r.o. Nádražní 289 73925 Sviadnov Czech Republic
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Type designation	LMP - 07 (LMP-07-A-X0000943) including Measurement Pin Amplifier MPA07
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Codes and standards	IEC 61508 Parts 1-7:2010	EN 61326-3-1:2017
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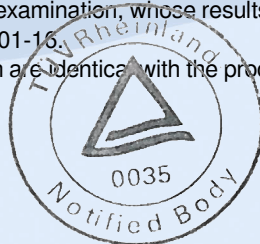
Intended application	Measurement of the mechanical shear force at the pin within +/- 20% tolerance and conversion into a single-channel 4 - 20 mA output current signal. The product complies with the relevant requirements for SIL 2 acc. to IEC 61508. Hence, it can be used in applications up to SIL 2 of IEC 61508 and in the application area of EN IEC 62061:2021.
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Specific requirements	In particular, any signal value outside the range of 4-20 mA must lead to a safe state of the upstream safety controller. To ensure a correct functionality it is highly recommended to perform a load test twice a year and a complete recalibration of the LMP once in five years. The instructions of the associated Installation and Operating Manual shall be considered.
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It is confirmed that the product tested complies with the requirements for machines defined in Annex I of the EC Directive 2006/42/EC.

Valid until 2028-05-03

The issue of this certificate is based upon an examination, whose results are documented in Report No. 968/FSP 1494.02/24 dated 2024-01-15.
This certificate is valid only for products which are identical with the product tested.



Köln, 2024-02-19

Notified Body for Machinery, NB 0035

Sabine Wiegand

Dipl.-Ing. (FH) Sabine Wiegand