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Certificate No: LR25271084TA
Issue Date: 24/09/2025
Expiry Date: 13/06/2030
Reference: TSO/25-035562-01/SP/JB

LLOYD'S REGISTER TYPE APPROVAL – DESIGN APPRAISAL DOCUMENT

Issued by: GLOBAL TECHNICAL SUPPORT OFFICE

Issued to: Plöger Sensor GmbH

For: Thermocouples

Type: 8, 21, 21v, 26, 26v, 29

The undernoted documents have been reviewed for compliance with the requirements of the Lloyd's Register Type Approval Schemes Procedure (01/01/2025) and this Design Appraisal Document forms part of the Certificate.

APPROVAL DOCUMENTATION

unnumbered	Type Approval Application Checklist	02.03.2025
182374	Request for Marine Services – Type Approval	28.04.2025
HTS/ETS 40305-20/ MK/JB	Design Appraisal Document of previous certificate no. LR2010810TA and all the documentation listed in the same	18.08.2020
LR2010810TA	Previous Type Approval Certificate for MBT 5560 Transmitters/Transducers	18.08.2020
PRJ11100482658-2	Production quality assessment form	23.09.2025
H 100 – 1e	Technical sheet: diesel exhaust gas thermocouple Type 8 for adjustable clamping fitting	11.2024
S 200 – 1e	Technical sheet: diesel exhaust gas thermocouple Type 21 with protection tube, designed for medium mechanical stress	11.2024
S 200 – 4e	Technical sheet: diesel exhaust gas thermocouple Type 21v with protection tube, designed for strong mechanical stress	11.2024
S 210 – 1e	Technical sheet: thermocouple with protection tube Type 29 for low mechanical load	11.2024
S 230 – 1e	Technical sheet: diesel exhaust gas thermocouple Type 26 with protection tube, designed for medium mechanical stress	11.2024
S 230 – 3e	Technical sheet: diesel exhaust gas thermocouple Type 26v with protection tube, designed for strong mechanical stress	11.2024

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24 September 2025
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LR032.2022

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Supplementary Type Approval Terms and Conditions

Type Approval certifies that a representative sample of the product(s) referred to herein has/have been found to meet the applicable design criteria for the use specified herein. It does not mean or imply approval for any other use, nor approval of any product(s) designed or manufactured otherwise than in strict conformity with the said representative sample.

Type Approval is based on the understanding that the manufacturer's recommendations and instructions and any relevant requirements of the Rules and Regulations are complied with.

Type Approval does not eliminate the need for normal inspection and survey procedures required by the Rules and Regulations. Lloyd's Register EMEA reserves the right to cancel or withdraw this Type Approval Certificate in accordance with the Lloyd's Register Type Approval System Procedure.