

LLOYD'S REGISTER TYPE APPROVAL
Issue by: HAMBURG TECHNICAL SUPPORT OFFICE (HPC1562091)
Issued to: PLÖGER SENSOR GMBH
For: THERMOCOUPLES, TYPES 8, 21, 21v, 26, 26v, 29

The undernoted documents have been reviewed for compliance with the requirements of the Lloyd's Register Type Approval System Procedure TA14 Version 03 (July 2017) and this Design Appraisal Document forms part of the Certificate.

APPROVAL DOCUMENTATION

ETS 55510	Type Approval Application Checklist	17.06.2020
ETS 55668	Request for Marine Services – Type Approval	13.07.2020
ETS 31815-15	Design Appraisal Document of previous certificate no. 95-20018 (E4)	08.06.2015
PRJ11100273367-1	Production quality assessment report of Plöger Sensor GmbH	17.08.2020
H 100 – 1e	Technical sheet: diesel exhaust gas thermocouple Type 8 for adjustable clamping fitting	06/2020
S 200 – 1e	Technical sheet: diesel exhaust gas thermocouple Type 21 with protection tube, designed for medium mechanical stress	06/2020
S 200 – 4e	Technical sheet: diesel exhaust gas thermocouple Type 21v with protection tube, designed for strong mechanical stress	06/2020
S 210 – 1e	Technical sheet: thermocouple with protection tube Type 29 for low mechanical load	06/2020
S 230 – 1e	Technical sheet: diesel exhaust gas thermocouple Type 26 with protection tube, designed for medium mechanical stress	06/2020
S 230 – 3e	Technical sheet: diesel exhaust gas thermocouple Type 26v with protection tube, designed for strong mechanical stress	06/2020

DRAWINGS

H 101-008	Temperaturmeßumformer für einstellbare Klemmverschraubung / TW8, TG 8	06/2020
S 200-21-1	Schutzhülse für mittlere mechanische Belastung / TS 21	06/2020
S 201-21-2	Messeinsatz für Schutzhülse Typ TS 21; TS 21v / TW 21, TG 21	06/2020
S 210-29-1	Schutzhülse, leichte Ausführung / TS 29	06/2020
S 210-29-2	Messeinsatz für Schutzhülse Typ TS 29 / TW 29, TG 29	06/2020
S 220-21v-1	Schutzhülse, schwere Ausführung bis 800°C / TS 21v	06/2020
S 230-26v-1	Schutzhülse, schwere Ausführung bis 800°C / TS 26v	06/2020
S 231-26-1	Passende Messeinsätze Bauform TG/TW 26 / TS 26	06/2020
S 231-26-2	Messeinsatz für Schutzhülse Typ TS 26 und TS 202 / TW 26, TG 26	06/2020



Matthias Karg
Specialist
Electrotechnical Systems
Hamburg Technical Support Office
Lloyd's Register EMEA
T +49 40 3497 0010-240
E matthias.karg@lr.org



Jörn Brüggemann
Senior Specialist in Charge of
Electrotechnical Systems
Hamburg Technical Support Office
Lloyd's Register EMEA
T +49 40 3497 0010-119
E joern.brueggemann@lr.org

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.