

# DET NORSKE VERITAS

## TYPE APPROVAL CERTIFICATE

CERTIFICATE NO. A-11394  
This Certificate consists of 3 pages

*This is to certify that the*  
**Temperature Sensor**

*with type designations*

**Resistance Thermometer PYR 2PT100 BB15/4Z-DNV**  
**Resistance Thermometer WTH-280-400.WINK-DNV**  
**Resistance Thermometer R254**  
**Thermocouple T354**

*Manufactured by*

**H. Heinz Meßwiderstände GmbH**  
Elgersburg/Thüringen, Germany

*is found to comply with*

Det Norske Veritas' Rules for Classification of Ships, High Speed & Light Craft and  
Det Norske Veritas' Offshore Standards

*Application*


Location classes:

Temperature	D
Humidity	B
Vibration	B
EMC	not relevant
Enclosure	Required protection according to the Rules to be provided upon installation on board

*Place and date*

Høvik, 2009-08-31

for DET NORSKE VERITAS AS

  
pp. Odd Magne Nesvåg  
Head of Section



Local Office  
DNV Essen

*This Certificate is valid until*

2013-06-30



Torsten Dzillak  
Surveyor

**Notice: This Certificate is subject to terms and conditions overleaf. Any significant change in design or construction may render this Certificate invalid. The validity date relates to the Type Approval Certificate and not to the approval of equipment/systems installed.**

If any person suffers loss or damage which is proved to have been caused by any negligent act or omission of Det Norske Veritas, then Det Norske Veritas shall pay compensation to such person for his proved direct loss or damage. However, the compensation shall not exceed an amount equal to ten times the fee charged for the service in question, provided that the maximum compensation shall never exceed USD 2 million. In this provision "Det Norske Veritas" shall mean the Foundation Det Norske Veritas as well as all its subsidiaries, directors, officers, employees, agents and any other acting on behalf of Det Norske Veritas.