



Lloyd's
Register

Type Approval Certificate

This is to certify that the undernoted product have been tested with satisfactory results in accordance with the relevant requirements of the Lloyd's Register Type Approval System.

This certificate is issued to:

PRODUCER	ANALYSIS LTD Delta Velestino 375 00 Magnesia - Greece
PLACE OF PRODUCTION	ANALYSIS LTD Delta Velestino 375 00 Magnesia - Greece
DESCRIPTION	Pressure Transmitter & Temperature Sensors
TYPE	Pressure Transmitter model: P1 Temperature Sensors models: ABLH, BM158, ET60, MIHT, MTB50, MTB51, MTB52, PRTH, PRTL, PTMA
APPLICATION	Marine, offshore and industrial applications in environmental categories ENV2, ENV3 and ENV4 as defined in Lloyd's Register's Type Approval System, Test Specification Number 1- July 2015.
STANDARDS	Pressure Transmitter produced/ tested in accordance with the following Standards, as applicable: EN 61000-4-6: 2014, EN 61000-4-3: 2006 A1:2008 A2:2010, EN 61000-4-4: 2012, EN 61000-4-2: 2009, EN 55016-2-3:2006 A1:2007 A2:2014, EN60068-2-2: 2007, EN60068-2-1: 2007, EN60068-2-30: 2005, EN 60092-504: 2001, EN60068-2-6: 2008

Certificate No.	17/00042
Issue Date	28 March 2017
Expiry Date	27 March 2022

Sheet 1 of 2

*Lloyd's Register EMEA
Lloyd's Register Global Technology Centre, Southampton Boldrewood Innovation Campus, Burgess Road,
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STANDARDS (cont.)

Temperature Sensors produced/ tested in accordance with the following Standards, as applicable:

EN60068-2-2: 2007, EN60068-2-1: 2007, EN60068-2-30: 2005, EN 60092-504: 2001, EN60068-2-6: 2008, EN 60751: 2008, EN60584-1:2013

OTHER CONDITIONS

-Documentation for the actual application is to be submitted by the manufacturer of the application system in each case.

-The cable installation has to be carried out according to the Rules for classification for ships with respect to routing, fixing, protection, penetration of the decks/ bulkheads and the use of cables pipes.

-Ex-certification is not covered by this certificate. Application in hazardous area to be approved in each case according to class requirements and Ex-Certification/ Special Condition for Safe Use listed in valid Ex-certificate issued by a notified/recognized Certification Body.

"This Certificate is not valid for equipment, the design, ratings or operating parameters of which have been varied from the specimen tested. The manufacturer should notify Lloyd's Register EMEA of any modification or changes to the equipment in order to obtain a valid certificate."

The Design Appraisal Document No. 17/00042 and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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