

## Type Approval Certificate

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

<b>Manufacturer</b>	<b>Microdata Due s.r.l.</b>
<b>Address</b>	Via Greti del Vara 9, Follo (Sp), 19020, Italy
<b>Type</b>	Fire Detection and Alarm System
<b>Description</b>	Analogue addressable optical smoke and heat detectors (Class A1-B-C) MD9901; including bases MD9900-BC /-BCI /-BS /-BSI /-BBZ /-BBZI /-BSZ /-BSZI.
<b>Trade Name</b>	MD9901 with bases
<b>Application</b>	Marine, offshore and industrial use in environmental categories ENV1, ENV2, ENV3 and ENV5 (1) as detailed in Lloyd's Register Test Specification No. 1, 2002. (1) Applies to base type MD9900-BS /-BSI /-BSZ /-BSZI.
<b>Specified Standard</b>	EN 54-7:2018, EN 54-5:2017 + A1:2018, EN 54-17:2005 / AC:2007 (for base with short circuit isolator BCI/BSI/BBZI/BSZI).
<b>Additional Tests</b>	Enclosure Protection (2): IP32 and IP65. (2) To achieve the required IP65 enclosure rating, the covers of the smoke and heat detectors must be locked with the rotation of the head and tightened with the two screws fitted in the head.

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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.

**Previous Version:** 06/00086(E2)

The Design Appraisal Document LR2241042DA and its supplementary Type Approval Terms and Conditions form part of this Certificate.