

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.

Manufacturer	Microdata Due s.r.l.
Address	Via Greti del Vara 9, Follo (Sp), 19020, Italy
Type	Fire Detection and Alarm System
Description	Analogue addressable IR triple spectrum flame detector including a temperature sensor for analogue measurement MD9902; including bases MD9900-BC /-BCI /-BS /-BSI.
Trade Name	MD9902 with bases
Application	Marine, offshore and industrial use in environmental categories ENV1, ENV2 (1), ENV3 and ENV5 (2) as detailed in Lloyd's Register Test Specification No. 1, 2002. (1) Immunity to radiated electromagnetic high frequency fields conducted in accordance with EN 50130-4:1996. (2) Applies to base type -BS /-BSI.
Specified Standard	EN 54-10:2002 + A1:2005, EN 54-17:2005 / AC:2007 (for base with short circuit isolator BCI/BSI).
Additional Tests	Enclosure protection (3): IP32 and IP65/67. (3) To achieve the required IP65 or IP67 enclosure rating, the covers of the smoke 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: 07/00022(E2)

The Design Appraisal Document LR2241044DA and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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