



## EC TYPE EXAMINATION ( Module B)

N. MED070321CS001

**This is to certify** that RINA Services S.p.A. (Notified Body n° 0474) did undertake the relevant type approval procedures for the equipment identified below, which was found to be in compliance with the Fire Protection requirements of Marine Equipment Directive (MED) 2014/90/EU, including the requirements and testing standards of Regulation (EU) 2020/1170

<b>MED Items N°</b>	<b>MED/ 3.51 (f) MED/ 3.51 (g)</b>
<b>Description</b>	<b>Fixed fire detection and fire alarm systems, components for control stations, service spaces, accommodation spaces, cabin balconies, machinery spaces and unattended machinery spaces.</b> <b>(f) Manual call points</b> <b>(g) Short circuit isolators</b>
<b>Type</b>	<b>MD9820 and MD9831 manual call points</b> <b>MD9820-SCI and MD9831-SCI manual call points (With short circuit isolator)</b>
<b>Applicant</b>	<b>MICRODATA DUE S.r.l.</b> Via Greti del Vara 9 19020 Follo (SP) ITALY
<b>Testing Standards</b>	<b>EN 54-11: (2001) incl. A1 (2005);</b> <b>EN54-17:2005 incl. AC:2007</b> <b>IEC 60092-504: 2016; IEC 60533: 2015</b> <b>IACS UR E10 Type Tests</b>
<b>Reference Standards</b>	<b>SOLAS 74 Reg. II-2 /7; SOLAS 74 Reg. X/3</b> <b>IMO Res. MSC.36(63) - (1994 HSC Code) 7</b> <b>IMO Res. MSC.97(73) - (2000 HSC Code) 7</b> <b>IMO Res. MSC.98(73) - (FSS Code) 9</b> <b>IMO Res. MSC391(95)- (IGF Code) 11</b> <b>IMO MSC.1/Circ.1242</b> <b>RINA Rules for the certification of Marine Equipment</b>
<b>Issued at Genoa on</b> <b>June 21, 2021</b>	<b>This Certificate is valid until</b> <b>June 21, 2026</b>

*This Certificate consists of 3 pages*

**RINA Services S.p.A.**



*Luigi Benedetti*

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**Manufacturer:**

**MICRODATA DUE S.r.l.**

**Place of manufacturing:**

Via Greti del Vara , 9  
19020 Follo (SP)  
Italy

**MD 9820 and MD 9820-SCI Manual call point (IP42):**

**Microdata Due reference documents:**

Technical description	n. ST23511 Rev. D
Data sheets	n. D24724 Rev. G
Software description	n. D23592 Rev. A
Conformity to EN 54-11	n. D24742 Rev. A
Risk assessment	n. D36685 Rev.0
Drawings	n. 25936-S_EDA, 25936-S-03-0, 25936-S-07-0, 25936-S-10-0, 25936-S-50-0, 26568-B

**Bre Certification Ltd and LPCB:** EC-Certificate of EN54-11 Conformity n. 0832-CPD-0580

**Test reports:**

TesLab Laboratory	Environmental / Performance report: n. 051014F-3 (17/05/2005) _ Env. / Performance
Microdata Due	Functional report: n. 687 annex to IS-24738 Rev. 0, (13/06/2005)
TesLab	EMC report EMC_ 60092-504_ 2016 n. 17B302E-a
TesLab / Microdata Due	Functional report: n. 0974-17 (28/11/2017) as procedure IS37789 Rev.0 (EMC_ IEC 60092-504:2016)
TesLab Laboratory	Environmental reports: n. 19A284F (2019-12-28) acc. to EN 54-17:2005+AC:2007 n. 19A285F (2019-12-19) acc. to IEC 60092-504:2016

**MD 9831 and MD 9831-SCI Manual call point (IP66)**

**Microdata Due reference documents:**

Technical description	n. ST23511 Rev. D
Data sheets	n. D29066 rev. E
Software description	n. D23592-0 Rev. A
Comparative document	n. D30100 Rev. 0
Risk assessment	n. D36685 Rev.0
Drawings	n. 27746-S_EDA, 27746-S-03-0, 27746-S-07-0, 27746-S-10-0, 27746-S-50-0, 26568-B

**Bre Certification Ltd and LPCB** EC-Certificate of EN54-11 Conformity: n° 0832-CPD-0744, and n° 0832-CPD-0905

**Test reports:**

TesLab Laboratory	Test report n. 051014F-3, (17/05/2005)
TesLab	EMC Test report (EMC_60092-504_2016) n. 17B302E-a
TesLab / Microdata Due	Functional Test report: n. 0974-17 (28/11/2017)
TesLab Laboratory	Environmental reports n. 19A284F (2019-12-28) acc. to EN 54-17:2005+AC:2007 n. 19A285F (2019-12-19) acc. to IEC 60092-504:2016

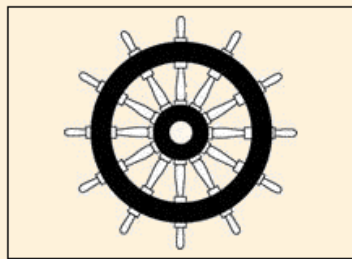




Attachment to

**CERTIFICATE n. MED070321CS001**

*The mark of conformity may only be affixed to the above type approved equipment and a Manufacturer's Declaration of Conformity issued when the production control phase module (D, E, or F) of Annex II of the Directive is fully complied with a written inspection agreement with a Notified Body*



**XXXX/YYYY**

**"WHEELMARK FORMAT"**

*XXXX Notified Body number undertaking surveillance module  
YYYY The year in which the mark is affixed*

**General condition for the approval:**

- a) The initial conditions verified by RINA at the time of the approval are to be maintained.
- b) Any changes to the initial conditions are to be promptly communicated to RINA, which reserves the right to repeat the relevant assessment.
- c) This certificate will no be valid if the manufacturer makes any changes or modifications to the approved equipment, which have not been notified to, and agreed with RINA.
- d) RINA personnel are to be allowed to witness during the performances of activities, upon their request.
- e) The activities are to be carried out in compliance with the RINA Rules and / or other applicable Rules
- f) Should the specified regulations or standards be amended during the validity of this certificate, the product is to be reapproved prior to it being placed on board vessels to which the amended regulations or standards apply.

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*Luigi Benedetti*



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