



TYPE APPROVAL CERTIFICATE
No. ELE323422XG

This is to certify that the product below is found to be in compliance with the applicable requirement of the RINA type approval system.

<i>Description</i>	Connecting devices
<i>Type</i>	PRO-NDC-1E, PRO-NDC-1E2K
<i>Applicant</i>	Active Research Ltd. Actisense, 21 Harwell Road BH17 0GE Poole UNITED KINGDOM
<i>Manufacturer</i>	Active Research Ltd.
<i>Place of manufacture</i>	Actisense, 21 Harwell Road BH17 0GE Poole UNITED KINGDOM
<i>Reference standards</i>	- Rules for the Classification of Ships- Part C - Machinery, Systems and fire protection - Ch.3 ; Sect. 6 ; Tab. 1 .

Issued in **Hamburg** on **December 21, 2022**. *This Certificate is valid until* **December 20, 2027**

RINA Services S.p.A.
Giuseppe Russo

This certificate consists of this page and 1 enclosure

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PRO-NDC-1E, PRO-NDC-1E2K

PRO-NDC-1E, PRO-NDC-1E2K

An NMEA0183 Multiplexer designed to take up to 5 NMEA0183 input signals, distribute these signals to up to 2 outputs. The input can be routed to any of the two outputs, providing a highly customisable network. A bi-directional serial port and an Ethernet port allow for simple configuration.

Rating:

Power supply: 24 V DC (9 to 35 V DC)

Power Supply protection: Continuous reverse polarity, transient over voltage and ESD protection

Ambient temperature: -25 ° C to +70° C

Degree of protection: IP40

Reference Documents :

PRO-NDC-1E Datasheet, issue 1.01

eurofins - EMC Test Report, 3963 CR, dated 13 September 2022

MS Testing - Test Report, TL22253, dated 04 July 2022

Hamburg December 21, 2022

