



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	UWT GmbH						
Address	Westendstr.5, Betzigau, 87488, Germany						
Type	Transmitters/Transducers						
Description	Point level detection sensor and level transmitter						
Trade Name	Capanivo CN 7000, CN 8000, RFnivo RF 8000 and NivoCapa NC 8000						
Application	Marine, offshore and industrial applications for use in environmental categories ENV1, ENV2, ENV3 and ENV5 as defined in Lloyd's Register's Type Approval System, Test Specification Number 1 - December 2021.						
Specified Standard	Manufacturer's specification IACS unified requirements E10 (Rev.8 Feb 2021)						
Ratings	<table><tr><td>Capanivo CN 7000:</td><td>Power supply: 10-33 V DC Pressure range: 0-10 bar Output: 4/20 or 20/4 mA and solid state output</td></tr><tr><td>Capanivo CN 8000:</td><td>Power supply: 12-250 V AC/DC Pressure range: 25 bar Output: via relay contact or solid state switch</td></tr><tr><td>RFnivo RF 8000:</td><td>Power supply: 12-250 V AC/DC Pressure range: -1 up to 35 bar</td></tr></table>	Capanivo CN 7000:	Power supply: 10-33 V DC Pressure range: 0-10 bar Output: 4/20 or 20/4 mA and solid state output	Capanivo CN 8000:	Power supply: 12-250 V AC/DC Pressure range: 25 bar Output: via relay contact or solid state switch	RFnivo RF 8000:	Power supply: 12-250 V AC/DC Pressure range: -1 up to 35 bar
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Capanivo CN 8000:	Power supply: 12-250 V AC/DC Pressure range: 25 bar Output: via relay contact or solid state switch						
RFnivo RF 8000:	Power supply: 12-250 V AC/DC Pressure range: -1 up to 35 bar						

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Output: via relay contact or solid state

NivoCapa NC 8000: Power supply: 12-30 V DC
Pressure range: -1 up to 35 bar
Output: 4 to 20 mA loop

Additional Tests Capanivo CN 7000, CN 8000, RFnivo RF 8000:
Hose down test, CSA/NEMA
Dust Ignition Proof and Degree of Protection IP65, EN 60529
Emission – Class B, EN 55011

Other Conditions Installation of this equipment for marine applications is to be in accordance with current Lloyd's Register Rules and Regulations.
Ratings for application in hazardous areas are to be obtained from the applicable Ex Certificates.

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: This certificate supersedes certificate number 18/20082 issued on 18 December 2018 which is hereby cancelled.

The Design Appraisal Document HPC1862122-22/TW and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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