TYPE APPROVAL CERTIFICATE

Certificate no.:
TAA000014N
Revision No:
3

This is to certify:

that the Control and Monitoring System

with type designation(s)
M1000C, M1000D, M2000B, M2000C, M2100, M0500, M0600

issued to
SELCO ApS
Roskilde, Sjælland, Denmark

is found to comply with
DNV rules for classification – Ships, offshore units, and high speed and light craft

Application:

Product(s) approved by this certificate is/are accepted for installation on all vessels classed by DNV.

Location classes:

Temperature	**B**
Humidity	**B**
Vibration	**A**
EMC	**B**
Enclosure	**Required protection according to the Rules to be performed before installation on board**

Issued at **Høvik** on **2026-09-29**

This Certificate is valid until **2031-06-30**.
DNV local unit: **Denmark CMC**

Approval Engineer: **Urszula Maria Starowicz**

for **DNV**

This document has been digitally signed and will therefore not have handwritten signature

This Certificate is subject to terms and conditions overleaf. Any significant change in design or construction may render this Certificate invalid.
The validity date relates to the Type Approval Certificate and not to the approval of equipment/systems installed.

LEGAL DISCLAIMER: Unless otherwise stated in the applicable contract with the holder of this document, or following from mandatory law, the liability of DNV AS, its parent companies and their subsidiaries as well as their officers, directors and employees ("DNV") arising from or in connection with the services rendered for the purpose of the issuance of this document or reliance thereon, whether in contract or in tort (including negligence), shall be limited to direct losses and under any circumstance be limited to USD 300 000.

Job ID: **262.1-004227-8**
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Product description

Alarm Annunciator	M1000D, M1000C (SMD components)
Engine Controller	M2000C (SMD components)
Engine Controller	M2000B
Emergency Controller	M2100
Tacho Detector	M0500
Shutdown unit	M0600

Manufactured by

SELCO ApS
Betonvej 11,
4000 Roskilde,
Denmark

Approval conditions

The Type Approval covers hardware listed under Product description. When the hardware is used in applications to be classed by DNV, documentation for the actual application is to be submitted for approval by the manufacturer of the application system in each case. Reference is made to DNV rules for classification of ships Pt.4 Ch.9 Control and monitoring systems.

Type Approval documentation

	Document	Version	Description
Data sheets:	M1095-111UK	-	M1000 Process Alarm Monitor
	-	2-M1000D	M1000 Alarm Monitor Plus - D-version
	M2095-94UK	-	M2000 Engine Controller
	M0695-63E	-	M0600 Shutdown Unit
	M0595-63E	-	M0500 Tacho Voltage Detector
	02-2017	-	M2100 Emergency Controller
Manuals:	-	2016-08-24	SELCO-M1000D-User-Manual
	M0695-23E	-	M0600-Manual
Test Reports:	R 860811-01 E	-	
	Delta K251196-3	2 / 2001-01-08	
	Delta E501822-1	-	
	DANAK-195381	2001-01-09	
	DANAK-198611	2006-12-20	Supplementary EMC test to 2 GHz
	DANAK-19/14491	2014-09-18	
	P23-0077-3	2023-05-23	Supplementary EMC test to 6 GHz
	P23-0077-5	2023-05-23	Supplementary EMC test to 6 GHz
Drawings:	M1010 sheet 1-2		

Type approval renewal assessment report for TAA000014N, Denmark CMC 2026-09-28.

Tests carried out

Applicable tests according to class guideline DNV-CG-0339, August 2021.

Marking of product

The products to be marked with:
- manufacturer name
- model name
- serial number
- power supply ratings

Periodical assessment

The scope of the periodical assessment is to verify that the conditions stipulated for the type are complied with, and that no alterations are made to the product design or choice of systems, software versions, components and/or materials.

The main elements of the assessment are:

- Ensure that type approved documentation is available
- Inspection of factory samples, selected at random from the production line (where practicable)
- Review of production and inspection routines, including test records from product sample tests and control routines
- Ensuring that systems, software versions, components and/or materials used comply with type approved documents and/or referenced system, software, component and material specifications
- Review of possible changes in design of systems, software versions, components, materials and/or performance, and make sure that such changes do not affect the type approval given
- Ensuring traceability between manufacturer's product type marking and the type approval certificate

Periodical assessment is to be performed after 2 years and after 3.5 years. A renewal assessment will be performed at renewal of the certificate.

END OF CERTIFICATE