# TYPE APPROVAL CERTIFICATE

Certificate no.:
**TAA000002W**
Revision No:
**6**

## This is to certify:

**that the Peripheral Equipment**

with type designation(s)
**Pro-face GP4000 Series, Pro-face GP4100 Series Color, Magelis HMIGTO Series, Magelis HMISTO Series Color**

issued to
## Schneider Electric Japan Holdings Ltd.
**Osaka**, **Japan**

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:**

| Type | Temperature | Humidity | Vibration | EMC | Enclosure |
|---|---|---|---|---|---|
| Pro-face GP4000 Series | D | B | A | B | B* |
| Pro-face GP4100 Series Color | A | B | A | B | B* |
| Magelis HMIGTO Series | D | B | A | B | B* |
| Magelis HMISTO Series Color | A | B | A | B | B* |

Issued at **Høvik** on **2026-11-13**

This Certificate is valid until **2031-12-31**.
DNV local unit: **Japan CMC**

Approval Engineer: **Nikolai Arntzen**

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.

## Product description

Touchscreen Graphic Terminals with type designations:

GP4000 Series
PFXGP4601TAD#, PFXGP4601TMD#, PFXGP4603TAD#,
PFXGP4501TADW#, PFXGP4501TAD#, PFXGP4501TMD#, PFXGP4503TAD#,
PFXGP4401TAD#, PFXGP4401WADW#,
PFXGP4301TAD#, PFXGP4303TAD#, PFXGP4301TADW#,
PFXGP4201TAD#, PFXGP4203TAD#, PFXGP4201TADW#

GP4100 Series Color
PFXGP4114T*D#, PFXGP4115T*D#, PFXGP4116T*D#

HMIGTO Series
HMIGTO6310#, HMIGTO5310#, HMIGTO4310#, HMIGTO3510#,
HMIGTO2310#, HMIGTO2300#, HMIGTO1310#, HMIGTO1300#

HMISTO Series Color
HMISTO705#, HMISTO715#, HMISTO735#

1. * is any letters or numbers that memory size and/or software combinations.
2. # is any letters or numbers that indicates color, coating on internal printed circuit board, memory size and/or software combinations.

## Manufactured by

**Wuxi Pro-face Electronics Co., Ltd.**
No.20 Hanjiang Road, Wuxi, New District, Wuxi, Jiangsu, China, 214028

**PT Schneider Electric Manufacturing Batam**
Batamindo Industrial Park, Block 4 & 208, Muka Kuning, Batam Island, 29433, Indonesia

## Responsibility

Schneider Electric Japan Holdings Ltd. works/ takes the responsibility that both design and production are in compliance with Rules, Standard and/or Regulations listed on page 1 of this Type Approval Certificate.

## 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.

## Application/Limitation

An appropriate noise filter and/or ferrite cores shall be used on the connected cables according to the manufacturer's specifications (GP4000 Series, HMIGTO Series).

For installation on bridge, the equipment to be installed not less than 5m away from magnetic compass as required in 11.2 of IEC60945.

Ex-certification is not covered by this certificate. Application in hazardous area to be approved in each case according to the Rule and Ex-certification/Special Condition for Safe Use listed in valid Ex-certificate issued by a notified/recognized Certification Body.

## Type Approval documentation

Type Test Report for Graphic Operator Interface GP4000 Series (Doc No.NSH-11032-TR, 284 pages)
GP4000 Series Hardware Manual
Test Specifications (Doc No. NSH-11032-TS)

For Revision June 2015
Type Approval Periodical Assessment Report, dated 2015-08-04.

For Renewal Mar 2017

1. The Project Plan for marine certificate document no. 16RT-4RE00215 dated 25 Jan 2017
2. Technical document: Report no.16RT-4RE00213 dated 25 Jan 2017
3. Technical document: Report no.17RT-4RE00217 dated 25 Jan 2017
4. Accreditation Certificate no. RTL 03220 by Testing Laboratory dated 27 July 2016
5. CNAS: Registration no. CNAS L0130 dated 2016-04-07
6. CNAS: Registration no. CNAS L5315 dated 2014-10-21
7. IP Test report: Document no. NSH-11032-25 dated 2 July 2012

8. Test report: Report no. 16RT-4VE 00137 dated 25 Jan 2017
9. Test report: Report no. LIC 12-16-018 dated 23 Mar 2016
10. Test report: Report no. LIC 12-16-020 dated 23 Mar 2016

For Revision June 2017
Type Approval renewal Assessment Report, dated 2017-06-09.

<Rev.4>

| | | |
|---|---|---|
| EMC test report | LIC 12-21-105 | 2021-09-08 |
| | LIC 12-21-106 | 2021-09-08 |
| | LIC 12-21-107 | 2021-09-08 |
| | LIC 12-21-108 | 2021-09-08 |

Renewal assessment report at Osaka dated 2026-05-14
Renewal assessment report at Batam dated 2026-10-13
Renewal assessment report at Wuxi dated 2026-07-24

## 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