



# TYPE APPROVAL CERTIFICATE

Certificate no.:  
**TAA00001A3**  
Revision No:  
**2**

**This is to certify:**  
**that the Peripheral Equipment**

with type designation(s)  
**Proface SP5000 Series, FP5000 Series, Magelis/Harmony HMIGTU Series, iDisplay Series**

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:**  
**1. \* To comply with EMC requirements, see application/limitation**  
**2.\*\* Front part only, IP65 & IP67, see application/limitation**

**Proface SP5000 Series, FP5000 Series**  
**Magelis HMIGTU Series, iDisplay Series**

<b>Temperature</b>	<b>D</b>
<b>Humidity</b>	<b>B</b>
<b>Vibration</b>	<b>A</b>
<b>EMC</b>	<b>B*</b>
<b>Enclosure</b>	<b>B**</b>

Issued at **Høvik** on **2025-08-18**

This Certificate is valid until **2030-07-06**.  
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:

### SP5000 Series

Display module: PFXSP5500TPD#, PFXSP5600TPD#, PFXSP5660TPD#, PFXSP5700TPD#,  
PFXSP5400WAD#, PFXSP5500WAD#, PFXSP5600WAD#, PFXSP5700WCD#, PFXSP5800WCD#  
Box module: PFXSP5B10#, PFXSP5B40#, PFXSP5B41#

### FP5000 Series

PFXFP5600TPD#, PFXFP5700TPD#

### HMIGTU Series

Display module: HMIDT542#, HMIDT642#, HMIDT643#, HMIDT732#,  
HMIDT351#, HMIDT551#, HMIDT651#, HMIDT752#, HMIDT952#  
Box Module: HMIG3U#, HMIG5U#, HMIG5U2#

### iDisplay Series

HMIDID64DTD1#, HMIDID73DTD1#

# may be followed by any letter or number that indicates color, PCBA coating, memory size or software combinations.

## Manufactured by

**Wuxi Pro-face Co., Ltd.**

Site2: No. 516 Xida Road, Wuxi, Jiangsu, 214028, P.R.C

## 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 inclusion in an instrument list, by the manufacturer of the application system in each case.

Reference is made to DNV Rules for 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.

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

Enclosure: IP65 & IP67 at front USB hatch without screw. IP66 & IP67 at front USB hatch with screw or without front USB.

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 Type Approval Certificate 14 591-15 HH and 14 519-15 HH:

Furno Labotech FLI: 12-15-007, 12-15-008, 12-15-009, 12-15-010, 12-15-011, 12-15-012, 12-15-013, 12-15-014, 12-15-015, 12-15-016, 12-15-017, 12-15-018  
Cosmos Corporation: CJ13-117344S4, CJ13-118732S

### Revision 2017:

1. Environmental test: Report no. 17RT-4VE00161 dated 2017-04-03
2. Environmental test: Report no. 17RT-4VE00167(LIC12-17-060) dated 2017-06-29
3. Environmental test: Report no. 17RT-4VE00168(LIC12-17-061) dated 2017-06-29
4. IP Grade test: Report no. 17RT-4VE00163 dated 2017-04-03

### <Revision 1>

Labotech LIC 12-18-071	2018-07-27
Labotech LIC 12-18-069	2018-07-27
Labotech LIC 12-18-044	2018-04-27
Labotech LIC 12-18-046	2018-04-27

Labotech LIC 12-19-041	2019-03-19
Labotech LIC 12-19-043	2019-03-19

IP test 17RT-4VE00162	2017-04-03
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Renewal assessment report (Osaka) 2025-06-11  
Factory assessment report (Wuxi Pro-face Site-2) 2025-07-22  
Factory assessment report (Batam) 2025-07-04

## Tests carried out

Applicable tests according to Class Guideline DNV-CG-0339 August 2021.

## Marking of product

Products will be marked as  
Schneider Electric, Pro-face or Pro-face by Schneider Electric

## 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