



**TYPE APPROVAL CERTIFICATE**  
No. ELE047023PU/001

**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>	<b>LCD Touch Panel for Graphic Operator Interface</b>
<i>Type</i>	<b>HMIGTO Series GP4000 Series</b>
<i>Applicant</i>	<b>SCHNEIDER ELECTRIC JAPAN HOLDINGS LTD. Schneider Electric Osaka Building, 4-4-9 Kitahama Chuo-Ku, Osaka-Shi, 541-0041 Osaka, JAPAN</b>
<i>Manufacturer</i>	<b>WUXI PRO-FACE CO., LTD.</b>
<i>Place of manufacture</i>	<b>No. 516 Xida Road Wuxi (Jiangsu) CHINA</b>
<i>Reference standards</i>	<b>Rules for the classification of ships - Part C - Machinery, systems and fire protection - Chapter 3, Section 6, Table 1</b>

Issued in **BUSAN** on **April 18, 2023**. This Certificate is valid until **April 17, 2028**



RINA Services S.p.A.  
Young-Kwang Kim

This certificate consists of this page and 1 enclosure

**HMIGTO Series  
GP4000 Series**

**Product Description**

- The **HMIGTO /GP4000 Series** is LCD Touch Panels used for Graphic Operator Interface.

- Rated Power: 24V DC
- Color: 65,536 colors TFT
- Brightness Control: 8 or 16 levels
- Operational Temperature: 0~50 °C or 0~55 °C
- Interfaces: One or Two Serial RS232C/RS422/RS485, Two USB and Ethernet

• **Models**

Model		Size	Power Consumption	Touch Panel Type	Resolution	Pixel
HMIGTO6310	PFXGP4601TAD	12.1"	17W or less	Analogue	SVGA	800 x 600
-	PFXGP4601TMD	12.1"	17W or less	Matrix	SVGA	800 x 600
-	PFXGP4603TAD	12.1"	17W or less	Analogue	SVGA	800 x 600
HMIGTO5310	PFXGP4501TAD	10.4"	17W or less	Analogue	VGA	640 x 480
-	PFXGP4501TADW	10.4"	17W or less	Analogue	VGA	640 x 480
-	PFXGP4501TMD	10.4"	17W or less	Matrix	VGA	640 x 480
-	PFXGP4503TAD	10.4"	17W or less	Analogue	VGA	640 x 480
HMIGTO4310	PFXGP4401TAD	7.5"	12W or less	Analogue	VGA	640 x 480
HMIGTO3510	PFXGP4401WADW	7.0"	12W or less	Analogue	WVGA	800 x 480
HMIGTO2310	PFXGP4301TAD	5.7"	10.5W or less	Analogue	QVGA	320 x 240
HMIGTO2300	PFXGP4301TADW	5.7"	10.5W or less	Analogue	QVGA	320 x 240
-	PFXGP4303TAD	5.7"	10.5W or less	Analogue	QVGA	320 x 240
HMIGTO1310	PFXGP4201TAD	3.5"	9.6W or less	Analogue	QVGA	320 x 240
HMIGTO1300	PFXGP4201TADW	3.5"	9.6W or less	Analogue	QVGA	320 x 240
-	PFXGP4203TAD	3.5"	9.6W or less	Analogue	QVGA	320 x 240

\*) All models may be followed by any letter(s) or number(s) or symbol(s) that indicate color, PCBA coating or memory size or software combinations.

**Reference Documents**

- Document :
  - Schneider's Confirmation of Application Information Doc. No. NSH-00000-FO01 Edition:01
  - Schneider's letter Ref. No. HMIGTO dated 28 September 2012 confirming the same product and manufacturing place (WUXI Proface Electronics Co., Ltd in China)
  - Schneider's letter dated 8 April 2023 for Manufacturing Authorization to:  
Wuxi Pro-face Co., Ltd.  
PT Schneider Electric Manufacturing Batam
  - Agreement & Declaration for Certification
- Manual: Schneider EIO0000001133 – Magelis GTO User Manual, Manufacture's document "GP4000 Series Hardware Manual"
- Technical Document: No. NSH-11032-14 (RINA Approval No. PUEL-3043 dated 11/06/2012)
- Test Procedure: Total Inspection Procedure No. 11DD-4PL00600-1
- Test Reports: ENV Test Report stamped by NK, ABS, DNV, LR and BV Classification Report No. NSH-11032-TR dated 06/03/2012, EMC Test Report Panasonic Corp. Analysis Center No. 23-265 dated 27/02/2012, Visual Inspection & Performance Test Report attended by RINA Surveyor in manufacturing place dated 05/07/2012, LABOTECH's Test Report No. FLI12-16-018, FLI12-16-020 dated 23/03/2016 LABOTECH's Test Report No. LIC 12-20-072 dated 15/06/2020



- Asbestos-Free Declaration: Schneider Electric's letter Ref. No. 8854-17 dated 1 September,2017
- Factory information : WUXI PRO-FACE CO.,LTD, ISO 9001:2015 Cert.No. CNBJ195538-A8-UK dated 8 August, 2022
- Additional factory in Indonesia
  - PT SCHNEIDER ELECTRIC MANUFACTURING BATAM
  - Address: BATAMINDO INDUSTRIAL PARK, JL BERINGIN LOT 1, LOT 4, LOT 15, LOT 16, LOT 16A AND LOT 208, MUKA KUNING, BATAM ISLAND, INDONESIA
  - ISO 9001 Qualification Certificate: BV's Certificate no. 195538-18-UK dated 03/07/2020
  - Schneider Electric Japan Holing's letter for relationship PT Schneider Electric Manufacturing Batam and Schneider Electric Japan Holdings Ltd. Dated 04/11/2020

**Note/Remark**

- Traceability of Hardware and Software is to be ensured for each installation and evidence is to be available upon request.
- The product is subject to the compliance with RINA Rules and Standards mentioned on the certificates
- Type Approval certifies that a representative sample of the product has been found to meet the applicable design criteria
- Any modification or change shall not be valid until approval is granted by RINA as a result of due assessment.

**● Renewal/Revision History**

- 29/04/2013: Issued Original Certificate No. ELE004313CS
- 29/07/2012: Issued Original Certificate No. ELE122512PU
- 22/05/2017: Renewed No. ELE108117PU/001,003
- 18/04/2023: Renewed, Incorporated into No. ELE047023PU/001

**BUSAN April 18, 2023**