



TYPE APPROVAL CERTIFICATE
No. **ELE51518PU/003**

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>	LCD Touch Panel for Graphic Operator Interface
<i>Type</i>	GP4000 Series
<i>Applicant</i>	SCHNEIDER ELECTRIC JAPAN HOLDINGS LTD. Schneider Electric Osaka Building, 4-4-9 Kitahama Chuo-Ku, Osaka-Shi, 541-0041 Osaka, JAPAN
<i>Manufacturer</i>	WUXI PRO-FACE ELECTRONICS CO., LTD.
<i>Place of manufacture</i>	NO. 20 HANJIANG ROAD, WUXI NEW DISTRICT 214028 WUXI, JIANGSU, CHINA
<i>Reference standards</i>	Rules for the classification of ships - Part C - Machinery, systems and fire protection - Chapter 3, Section 6, Table 1

Issued in **BUSAN** on **June 15, 2018**. This Certificate is valid until **June 14, 2023**



RINA Services S.p.A.
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This certificate consists of this page and 1 enclosure

This certificate annuls and replaces the previous certificate No. ELE122512PU

GP4000 Series

Product Description

- The **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 (Except PFX4201TADW)

• **Models**

Model		Size	Power Consumption	Touch Panel Type	Resolution	Pixel
GP-4600 Series	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
GP-4500 Series	PFXGP4501TADW	10.4"	17W or less	Analogue	VGA	640 x 480
	PFXGP4501TAD	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
GP-4400 Series	PFXGP4401TAD	7.5"	12W or less	Analogue	VGA	640 x 480
	PFXGP4401WADW	7.0"	12W or less	Analogue	WVGA	800 x 480
GP-4300 Series	PFXGP4301TAD	5.7"	10.5W or less	Analogue	QVGA	320 x 240
	PFXGP4303TAD	5.7"	10.5W or less	Analogue	QVGA	320 x 240
	PFXGP4301TADW	5.7"	10.5W or less	Analogue	QVGA	320 x 240
GP-4200 Series	PFXGP4201TAD	3.5"	9.6W or less	Analogue	QVGA	320 x 240
	PFXGP4203TAD	3.5"	9.6W or less	Analogue	QVGA	320 x 240
	PFXGP4201TADW	3.5"	9.6W or less	Analogue	QVGA	320 x 240

*) All models may be followed by any letter or number that indicates PCBA coating or software combinations.

Reference Documents

- Manual: Manufacture’s document “GP4000 Series Hardware Manual”
- Technical Document: Manufacture’s 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 PANOSONIC Corp. Analysis Center No. 23-265 dated 27/02/2012, Visual Inspection & Performance Test Report attended by RINA Surveyor dated 05/07/2012 LABOTECH’s Test Report No. FLI12-16-018, FLI12-16-020 dated 23/03/2016
- Asbestos-Free Declaration: Schneider Electric’s letter Ref. No. 8854-17 dated 1 September, 2017

Note/Remark

- Traceability of Hardware and Software is to be ensured for each installation and evidence is to be available on 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.


(*) This certificate annuls and replaces the previous certificate No. ELE122512PU dated July 29, 2012.

BUSAN June 15, 2018



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