



TYPE APPROVAL CERTIFICATE
No. **ELE275215PU**

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>	SP5000 Series & FP5000 Series
<i>Applicant</i>	DIGITAL ELECTRONICS CORPORATION 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 **December 18, 2015**. *This Certificate is valid until* **December 17, 2020**



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



SP5000 Series & FP5000 Series

Product Description

- The SP5000 Series & FP5000 Series is a LCD Touch Panel used for Graphic Operator Interface.

- Rated Power: 12-24V DC
- Color: 16M colors TFT
- Brightness Control: 8 or 16 levels
- Operational Temperature: 0~60 °C
- Interfaces: USB, Wireless LAN, Ethernet, COM, CFast, SD Card, Aux, Ex, DVI-D and Audio

• Models

Model	Size	Power Consumption	Touch Panel Type	Resolution	Pixel
PFXSP5500TPD	10"	50W or less	Analogue	SVGA	800 x 600
PFXSP5600TPD	12"	56W or less	Analogue	XGA	1024 x 768
PFXSP5660TPD	12"	58W or less	Analogue	XGA	1024 x 768
PFXSP5700TPD	15"	57W or less	Analogue	XGA	1024 x 768
PFXSP5400WAD	7"	41W or less	Analogue	WVGA	800 x 480
PFXSP5500WAD	10"	43W or less	Analogue	WVGA	1280 x 768
PFXSP5600WAD	12"	45W or less	Analogue	WXGA	1280 x 768
PFXSP5B10*	-	20W or less	-	-	-
PFXSP5B40*	-	28W or less	-	-	-
PFXFP5600TPD	12"	17W or less	Analogue	XGA	1024 x 768
PFXFP5700TPD	15"	21W or less	Analogue	XGA	1024 x 768

*) PFXSP5B10, PFXSP5B40 model is a box module.

Reference Documents


- Manual: Manufacture's document "GP4000 Series Hardware Manual" Ref. No. HRB78714, HRB78717 and HRB91627_01_ENa
- Technical Document: Manufacture's document No. 14RT-4RE00104 V1.1 dated 10/11/2014
- Test Reports: ENV & EMC Test Report FURUNO LABOTECH No.FLI12-15-007~18 dated 25/03/2015
- Asbestos free declaration letter: Ref. No. MD_DIG_FP500 & MD_DIG_SP500 dated 19/11/2014 and Supplier's declaration of conformity for material declaration management Ref. No. SD_Digital dated 22/07/2014

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.

BUSAN December 18, 2015



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