IECEx Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION
IEC Certification System for Explosive Atmospheres

for rules and details of the IECEx Scheme visit www.iecex.com

Ex COMPONENT CERTIFICATE

Certificate No.: **IECEx UL 25.0098U**

Certificate history:

Status: **Current**

Issue No: 0

Date of Issue: 2026-03-18

Applicant: **Schneider Electric Japan Holdings Ltd.**
4-4-9 Kitahama, Chuo-ku
Osaka 541-0041
Japan

Ex Component: Human Machine Interface, GP6000 series

This component is NOT intended to be used alone and requires additional consideration when incorporated into other equipment or systems for use in explosive atmospheres (refer to IEC 60079-0).

Type of Protection: **Increased Safety "ec", Sealed Device "nC", Dust Ignition Protection by Enclosure "tc"**

Marking: Ex ec nC IIC Gc
Ex tc IIIC Dc

Approved for issue on behalf of the IECEx Certification Body: **Lucy Frieders**

Position: **Staff Engineer**

Signature: (for printed version)

Date: (for printed version) 2026-03-18

1. This certificate and schedule may only be reproduced in full.
2. This certificate is not transferable and remains the property of the issuing body.
3. The Status and authenticity of this certificate may be verified by visiting www.iecex.com or use of this QR Code.

Certificate issued by:

UL Solutions (US)
333 Pfingsten Road
Northbrook IL 60062-2096
United States of America

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Date of issue: 2026-03-18 Issue No: 0

Manufacturer: **Schneider Electric Japan Holdings Ltd.**
4-4-9 Kitahama, Chuo-ku
Osaka 541-0041
Japan

Manufacturing locations:

PT SCHNEIDER ELECTRIC MANUFACTURING BATAM
JL Beringin Lot 1, 4 and 208
Batamindo Industrial Park
Muka Kuning, BATAM INDONESIA, 29433
Indonesia

WUXI Pro-face Co. Ltd
No. 20 Hanjiang Road
Wuxi
Jiangsu
China

This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEx Quality system requirements.This certificate is granted subject to the conditions as set out in IECEx Scheme Rules, IECEx 02 and Operational Documents as amended

STANDARDS :
The component and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards

IEC 60079-0:2017 Explosive atmospheres - Part 0: Equipment - General requirements
Edition:7.0

IEC 60079-15:2017 Explosive atmospheres - Part 15: Equipment protection by type of protection "n"
Edition:5.0

IEC 60079-31:2013 Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t"
Edition:2

IEC 60079-7:2017 Explosive atmospheres - Part 7: Equipment protection by increased safety "e"
Edition:5.1

This Certificate **does not** indicate compliance with safety and performance requirements other than those expressly included in the Standards listed above.

TEST & ASSESSMENT REPORTS:
A sample(s) of the component listed has successfully met the examination and test requirements as recorded in:

Test Report:

US/UL/ExTR25.0063/00

Quality Assessment Report:

FR/INE/QAR16.0001/17

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Ex Component(s) covered by this certificate is described below:

The device is Panel-mount type Human Machine Interface intended to be flush mounted through enclosure opening with the terminal facing inside the final enclosure which only can be opened by use a tool. The front surface of the device is user accessible. The power that is classified as SELV (Safety Extra-Low Voltage) and LIM (Limited Energy Circuit) that are defined on IEC61010-1 and 61010-2-201 are supplied via non-standardized connector located on rear side of device. The touch panels are resistive analog touch or resistive matrix touch and evaluated to Sealed device “nC”.

The following communication port are provided on rear side (not exposed) of the device.

- Serial interface COM1 – D-Sub 9 pin (RS-232C)
- Serial interface COM2 – D-Sub 9 pin (RS-422/485)
- USB (Type A) interface – USB Type A
- USB (micro—B) interface – USB Type micro-B
- Ethernet interface – RJ-45 x 2
- SD card interface – SD card

Please see Annex for additional information.

SCHEDULE OF LIMITATIONS:

- When used in an area requiring the use of equipment with EPL Gc, the following additional conditions apply:
  - The equipment shall only be used in an area of at least pollution degree 2, as defined in IEC 60664-1.
  - Transient protection shall be provided that is set at a level not exceeding 140% of the peak rated voltage value at the supply terminals of the equipment.
- The front surface provides a degree of protection of at least IP64. The rear side of the device shall be installed in a tool accessible enclosure that provides a minimum ingress protection of IP54 for Zone 2 in accordance with IEC 60079-7, at least IP54 for Zone 22 with Group IIIA and IIIB and at least IP64 for Zone 22 with group IIIC in accordance with IEC 60079-31.
- The devices shall be protected against UV light.
- Temperature test was conducted when the mounting the device in vertical - landscape orientation. Temperature test shall be conducted at the end-use application to verify not to exceed the rated maximum service temperature.
- The device shall be mounted and operated to minimize the risk from electrostatic discharge in accordance with Instructions.

Annex:

Annex to IECEx UL 25.0098U Issue 0.pdf

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TYPE DESIGNATION

Human Machine Interface

PFX	GP	6	3	00	T	A	D	#
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)

(a) Brand Name
PFX – Pro-face

(b) Model Name
GM - Display Module

(c) Series Name
6 – 6000 Series

(d) Display size
3 – 5 inch
4 – 7 inch
5 – 10 inch

(e) Type
00 – Standard

(f) LCD Type
T – 4:3 TFT

(g) Touch Panel Type
A – Analog touch
M – Matrix touch

(h) Power supply
D – DC

(i) Any product color and/or coating on printing wiring boards
– Any letter(s) and/or number(s) except for “B”, “C” or Blank
B – Black bezel model
C – Coating model

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PARAMETERS RELATING TO THE SAFETY

Cat. No./Model	Input	
	Volt	Wattage
DC models		
PFXGP6300TAD#	24 Vdc (SELV and LIM) (#1)	9.3 W
PFXGP6400TAD#	24 Vdc (SELV and LIM) (#1)	9.6 W
PFXGP6500TAD#	24 Vdc (SELV and LIM) (#1)	10 W
PFXGP6500TMD#	24 Vdc (SELV and LIM) (#1)	10 W

Note (#1): Power input voltage range, 19.2 – 28.8 Vdc.

MARKING

Marking has to be readable and indelible; it has to include the following indications:

Note - The copy of making plate below is example for model PFXGP6500TAD.