



Pro-face Segmented Approach

Peace of mind with long life and availability.



The Environmental Data Program provides more transparent data covering the entire product lifecycle.

proface.com

Pro-faceTM
by Schneider Electric

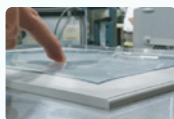
Specialized HMI Designed for N₂ (Nitrogen Gas) Purged Equipment, Ensuring Optimal Explosion Safety and Cleanliness.

Why we use the N2 Model?



Getting Dark

N₂-purged equipment for explosion protection can cause the HMI screen to darken and be difficult to read due to chemical reaction.



Overlay is Billowed

The front overlay is bulged due to the inner pressure, which makes it difficult to operate.



Our solution with GP6000 Segmented Offer

Mechanical change to physically block N₂ coming inside the HMI

Apply a vent filter to avoid bulging to balance in/out pressure



Ensures Equipment is Safe to Use in Explosive Atmospheres.

Target Application

- Gas Cabinet
- Chemical
- Scrubber Lead Frame
- Chiller
- Optical Cable
- Oil & Gas



Recommended Model	Advanced HMI		Basic HMI	
	GP6000 Series Standard N2 Model (4:3)		ST6000 Series (Wide)	ST6000 Series (4:3)
	PFXGP6600TADFZ26		PFXST6600WADE01	PFXST6300TAD PFXST6500TADE
Feature	N ₂ Protection / ATEX / IECEx Certification		ATEX / IECEx Certification	
Size	12.1"		12" Wide	5.7" 10.4"
Resolution	XGA		WXGA	VGA SVGA
Interface	Touch Panel Analog single touch			
	COM RS-232C x 1, RS-422/485 x 1		RS-232 x 1, RS-422/485 x 1	
	LAN 10BASE-T / 100BASE-TX x 2		10BASE-T / 100BASE-TX x 2	
	USB Type-A x 1, micro-B x 1		Type-A x 1, micro-B x 1	
	Other SDCX x 1		— SD x 1	
Structure	IP65F (IP4X written in IECEx Certification)		IP65F	
Certification*1	CE, UKCA, cULus, ULC1D2, KC, ATEX/IECEx, KCs(T6), CCCex, EAC		CE, cULus, ATEX/IECEx, RCM, KC, EAC	
N ₂ Protection*2	Yes		No	
External dimensions	W315 x H241 x D60 mm (W12.40 x H9.49 x D2.36 in.)		W313 x H235 x D50 mm (W12.32 x H9.25 x D1.97 in.)	
Panel cut-out dimensions	W301.5 x H227.5 mm (W11.87 x H8.96 in.)		W295 x H217 mm (W11.61 x H8.54 in.)	

*1 : Please check the latest certification information on website

*2 : A structure that can mechanically block the ingress of nitrogen (N₂) and withstand internal pressure.

IPC



Additionally, We Offer IoT-Optimized IPCs That are ATEX/IECEx Certified, Ensuring Safety and Reliability in Hazardous Environments.

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Visit web for more product information

GP6000 Series
<https://www.proface.com/en/product/hmi/gp6000/top>

ST6000 Series
<https://www.proface.com/en/product/hmi/st6000/top>

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GP6000 Series



ST6000 Series

