Pro-face Segmented Approach

Peace of mind with long life and availability.

GP-ProEX

The Environmental Data Program provides more transparent data covering the entire product lifecycle.
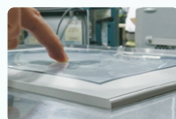
Pro-face™
by **Schneider** Electric

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

Why we use the N2 Model?

Getting Dark
Nitrogen gas protection model (N2 model) -purged explosion protection may cause screen dimming due to chemical reactions.

Overlay is Billowed
The front overlay may bulge due to the inner pressure, making operation difficult.

N2 Our solution with GP6000 Segmented Offer

Mechanical modifications prevent Nitrogen gas protection model (N2 model) from entering the HMI housing.

A vent filter is used to equalize pressure and prevent overlay bulging.

IECEx Ensures Equipment is Safe to Use in Explosive Atmospheres.

Target Application

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

	Advanced HMI		Basic HMI		
	GP6000 Series Standard N2 Model (4:3)		ST6000 Series (Wide)	ST6000 Series (4:3)	
	PFXGP6500TADFZ26	PFXGP6600TADFZ26	PFXST6600WADE01	PFXST6300TAD	PFXST6500TADE
Recommended Model					
Feature	N2 Protection / ATEX / IECEx Certification		ATEX / IECEx Certification	ATEX / IECEx Certification	
Size	10.4"	12.1"	12" Wide	5.7"	10.4"
Resolution	SVGA	XGA	WXGA	VGA	SVGA
Interface — Touch Panel	Analog single touch				
Interface — COM	RS-232C x 1, RS-422/485 x 1		RS-232 x 1, RS-422/485 x 1	RS-232 x 1, RS-422/485 x 1	
Interface — LAN	10BASE-T / 100BASE-TX x 2		10BASE-T / 100BASE-TX x 2	10BASE-T / 100BASE-TX x 1	
Interface — USB	Type-A x 1, micro-B x 1		Type-A x 1, micro-B x 1	Type-A x 1, micro-B x 1	
Interface — Other	SDXC x 1		–	–	SD x 1
Structure	IP65F (IP4X written in IECEx Certification)		IP65F	IP65F	
Certification*1	CE, UKCA, UL, ULC1D2, KC, ATEX/IECEx, KCs（T6）, CCCex, RCM		CE, cULus, ATEX/IECEx, RCM, KC, EAC, Marine	CE, cULus, ULC1D2, KC, ATEX/IECEx, CCCex, EAC, Marine	
N2 Protection*2	Yes		No	No	
External dimensions	W272.5 x H214.5 x D63.5 mm (W10.73 x H8.44 x D2.5 in.)	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.)	W169.5 x H137 x D58 mm (W6.67 x H5.39 x D2.28 in.)	W315 x H241 x D55.3 mm (W12.4 x H9.49 x D2.18 in.)
Panel cut-out dimensions	W259 x H201 mm (10.2 x 7.91 in.)	W301.5 x H227.5 mm (11.87 x 8.96 in.)	W295 x H217 mm(W11.61 x H8.54 in.)	W156 x H123.5 mm (W6.14 x H4.86 in.)	W301.5 x H227.5 mm (W11.87 x H8.96 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.

Visit web for more product information

proface.com

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ST6000 Series
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GP6000 Series   ST6000 Series

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