Specification *For details on the specifications visit the official Pro-face website or refer to the manuals

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Func	tion Specifications	GP4104G1D GP4104W1D	GP4105G1D GP4105W1D	GP4106G1D GP4106W1D	GP4107G1D GP4107W1D		
	Display Type	3.4" STN Monochrome LCD					
[Display Colors	Monochrome 16 Levels of grayscale					
	Resolution		W200 x H	I80 pixels			
LED Backlight (Not replaceable)		Three color LED *1					
Effe	ctive Display Area		W80 x H	132 mm			
Language Fonts *2		Japanese, ASCII, Chinese (Simplified), Chinese (Traditional), Korean, Cyrillic, Thai					
Character Sizes		Standard font: 8 x 8, 8 x 16, 16 x 16 and 32 x 32 pixel fonts Stroke font: 6 to 80 pixel fonts Image font: 8 to 72 pixel fonts					
App	olication memory	FLASH EPROM 2.2 MB *3					
C	lock Accuracy	Uses the clock of an external device					
Touch Panel Type		Resistive Film (analog)					
	Ethernet	IEEE802.3u, 10BASE-T/100BASE-TX, Connector:Modular jack(RJ-45) x 1					
Interface	Serial (COM1)	_	RS-232C, Asynchronous Transmission, Data Length: 7 or 8 bit, Parily: none, Odd or Even, Stop Bit: 1 or 2 bit, Data Transmission Speed: 2,400 bps to 115.2 kbps, Connecto: pipice terminal block 9 pin	RS-422/485, Asynchronous Transmission, Data Length? 7 or 8 bit, Parily: none, Odd or Even, Stop Bit: 1 or 2 bit, Data Transmission Speed: 2,400 bps to 115.2 kbps, Connector: 2-piece terminal block 9 pin	RS-485 (isolated), Asynchronous Transmission, Data Length? or 8 bit, Parity: none, Odd or Even, Stop Bit: 1 or 2 bit, Data Transmission Speed: 2,400 bps to 1152 kbps, 187.5 kbps (IMPI), Connector: D-Sub9 (socket)		
	USB (Type-A)	Conforms to USB2.0 (Type-A) x 1, Power Supply Voltage: DC 5 V ±5 % Communication Distance: 5 m or less					
	USB (mini-B)	Conforms to USB2.0 (mini-B) x 1, Communication Distance: 5 m or less					

	GP4104G1D GP4104W1D	GP4105G1D GP4105W1D	GP4106G1D GP4106W1D		
International Safety Standards	® ® C€ © C ©				
Conforming Standards	UL508, CSA-C22.2 No.142,ANSI/ISA12.12.01*4, CSA-C22.2, No.213*4, EN61000-6-2, EN61000-6-4, EN61131-2, GOST-R, C-Tick mark, KC				
Input Voltage	DC24V				
Power Consumption	2.7W o	r less *5	3.0W or less *5	3.4W or less *5	
Surrounding Air Tenperature	0 to 50 C *6				
Grounding	Functional grounding: Grounding resistance of 100Ω, 2mm²(AWG#14) or thicker wire, or your country's applicable standard.(Same for FG and SG terminals)				
Structure	IP65f, NEMA #250 TYPE 4X/13 (on the front panel when properly installed in an enclosure) *7				
External Dimensions	W116.5 x H77.5 x D28 mm [W4.59 x H3.05 x D1.1 in.]				
Weight	0.2 kg [0.4 lb] ot less (display unit only)				
g					

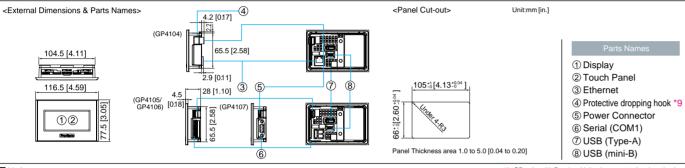
- 2: Please refer to the GP-Pro EX Reference Manual for details on font types and character code
- 8: Capacity available for user application. I: GP-4104G/W only. Suitable for use in Class I, Division 2, Groups A, B, C, and D Hazardous (clas locations or Non-Hazardous Locations

- locations, or Non-Hazardous Locations.

 5: Does not include power supply for USB devices.

 6: When using in an environment where the temperature becomes or exceeds 40 the screen contrast level may decrease from its original level of brightness.

 7: The front face of the GP unit, installed in a solid panel, has been tested u standards shown in the specification. Even though the, GP unit's level of standards, solis that should have, no effect on the GP can possibly harm the unit



*9: GP units with Rev.1 or higher have protective dropping hook.						
Product Name	Model No.	Types of connection	Backlight Colors	Display Type	USB	Input Voltage
GP-4104G NEW	GP4104G1D	10BASE-T/	Green/Orange/Red			
GP-4104W NEW	GP4104W1D	100BASE-TX	White/Pink/Red	3.4" STN Monochrome LCD 16 Grayscales	Type-A x1 mini-B x1	DC24V
GP-4105G	GP4105G1D	RS-232C RS-422/485	Green/Orange/Red			
GP-4105W	GP4105W1D		White/Pink/Red			
GP-4106G	GP4106G1D		Green/Orange/Red			
GP-4106W	GP4106W1D		White/Pink/Red			
GP-4107G	GP4107G1D	RS-485 (isolated)	Green/Orange/Red			
CD 4107\W	GP/107W/1D	- K3-465 (ISUIAIEU)	White/Pink/Red			

Accessories		" ** " is changed with the version of software.		
Product Name Model No.		Description		
GP-Pro EX	EXEDV**	Screen editor software		
USB Transfer Cable (Type-A/mini-B) (1.8 m)	ZC9USCBMB1	Cable for transferring screen data from a PC (Type-A) to the GP (USB mini-B)		
Mitsubishi PLC Q-Series CPU I/F Cable (3 m)	ZC9CBQ31	Connects the GP directly to the CPU programming port on the Mitsubishi Electric PLC Q series		
Mitsubishi PLC FX-Series CPU I/F Cable (5 m)	ZC9CBFX51	Connects the GP directly to the CPU programming port on the Mitsubishi Electric PLC FX series		
Mitsubishi PLC FX-Series CPU I/F Cable (1 m)	ZC9CBFX11	Connects the Gr directly to the Gro programming port on the will subish Liectific FLO 1 A series		
Mitsubishi PLC A-Series Cable (5 m)	ZC9CBA51	Connects the GP directly to the CPU programming port on the Mitsubishi Electric PLC A/QnA series		
Panasonic Electonic Works PLC FP Series CPU Cable (2m)	ZC9CBFP21	Connects the GP directly to the CPU port on the Panasonic Electric Works PLC FP series		
USB Panel-mount Extension Cable (USB mini-B 1m)	ZC9USEXMB1	Extension cable attaching to the USB (mini-B) port on the front side of the operation panel		
USB Panel-mount Extension Cable (USB Type-A 1m)	CA5-USBEXT-01	Extension cable attaching to the USB (Type-A) port on the front side of the operation panel		
USB-Serial (RS-232C) Conversion Cable (50cm)	CA6-USB232-01	Cable for converting a GP unit's USB interface (Type-A) into a serial interface (RS-232C)		
Screen Protection Sheet	ZC9DS31	Disposable, dirt-resistant sheet for the GP unit's screen. (5 sheets/set)		
USB Clamp Type-A (1 Port)	ZC9USCL1	USB (Type-A) Cable clamp for 1 port products to prevent disconnection (5 clamps/set)		
USB Clamp mini-B (1port)	ZC9USCLMB1	USB (mini-B) Cable clamp for 1 port products to prevent disconnection (5 clamps/set)		

Maintenance Items	*Please purchase when the p	roduct is damage or lost.
Product	Model No	

Product Name Model No.		Description		
Installation Fastener ZC9AF31		Used to install the GP into a solid panel (2 pieces/set)		
Installation Gasket ZC9WG31		Provides dust and moisture resistance when GP is installed into a solid panel (1 piece)		
COM I/F Connector	ZC9CMC1	Connector for Serial I/F (1 piece) *10		
DC Power Supply Connector	ZCACNDCS1	Connector for attaching power supply to 3.4-inch GP units. (Set of 5 connectors) *11		

10 GP4105G/W, GP-4106G/W only. *11: For GP-4104G/W only. For the support for GP-4105G/W, GP-4106G/W and GP-4107G/W, contact your Pro-face sales repres

HAZARD OF OPERATOR INJURY, OR UNINTENDED EQUIPMENT DAMAGE

Before operating any of these products, be sure to read all related manuals thoroughly

Failure to follow these instructions can result in death or serious injury, unintended equip

For printing purposes, the colors in this catalog may differ from those of the actual unit.
 Actual user screens may differ from the screens shown here.

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Graphic Operator Interface



Compact HMI with easy-to-read display. Compact HMI for easy operation.

Compact graphic operator interface with features selected from all Pro-face HMI products.



Compact HMI suitable for your application

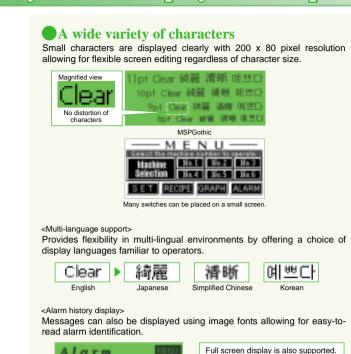






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		Connect directly	y to a variety of device	es	As of May 20	
			, , , , , , , , , , , , , , , , , , , ,		7.6 61 May 26	
	PLC		PLC	Temperatur	e and Process Controllers	
Maker Name	Driver Name	Maker Name	Driver Name	Maker Name	Driver Name	
Mitsubishi Electric Corporation	A Series CPU Direct	Rockwell Automation, Inc.	DF1	CHINO CORPORATION	Temperature Controllers MODBUS SIO	
	A Series Computer Link		EtherNet/IP	1		
	FX Series CPU Direct		DH-485		Inverter/ Servo	
	FX Series Computer Link	KEYENCE CORPORATION	KV-700/1000/3000/5000 CPU Direct	Maker Name	Driver Name	
	FX Series Ethernet		KV-700/1000/3000/5000 Ethernet	Hitachi Industrial Equipment Systems Co.,Ltd	Inverter MODBUS RTU	
	Q Series CPU Direct		KV Series CPU Direct	7 '' '	Inverter ASCII SIO	
	Q Series QnU CPU Ethernet		KV-10 80RW/TW CPU Direct	Mitsubishi Electric Corporation	FREQROL Inverter	
	Q/QnA Serial Communication	Schneider Electric SA	MODBUS SIO Master	YASKAWA Electric Corporation	INVERTER/SERVO SIO	
	Q/QnA Series Ethernet		MODBUS TCP Master	7	MP/SERVO Ethernet	
	QnA Series CPU Direct		Uni-Telway	Fuji Electric Systems Co., Ltd.	INVERTER SIO	
	QUTE Series CPU Direct		MODBUS Slave	Sanmei Electric Corporation	Si/CutvAxis Series SIO	
OMRON Corporation	C/CV Series HOST Link	Sharp Manufacturing Systems Corporation	JW Series Computer Link Ethernet			
	CS/CJ Series EtherNet/IP	LS Industrial Systems Co., Ltd.	Master-k Series Cnet	Industrial Robot		
	CS/CJ Series Ethernet		XGT Series FENet	Maker Name	Driver Name	
	CS/CJ Series HOST Link		XGT Series Cnet	IAI Corporation	ROBO CYLINDER MODBUS SIO	
YASKAWA Electric Corporation	MEMOBUS SIO	FANUC LTD.	Power Mate Series	7	X-SEL Controller	
	MP Series SIO (Extension)	Hitachi, Ltd.	S10V Series Ethernet	1		
	MP/SERVO Ethernet	TOSHIBA MACHINE CO., LTD.	TC Series (TC mini/TC200)	Fieldbus/Other Devices		
Hitachi Industrial Equipment Systems Co.,Ltd	H Series Ethernet	TOSHIBA CORPORATION	Computer Link Ethernet	Maker Name	Driver Name	
1,1	H Series Serial	KOYO ELECTRONICS INDUSTRIES CO., LTD.	KOSTAC/DL Series CCM SIO	Digital Electronics Corporation	Memory Link *1	
Panasonic Electric Works Co., Ltd.	FP Series Computer Link SIO		KOSTAC/DL Series MODBUS TCP	7 "	General Ethernet *2	
Yokogawa Electric Corporation	Personal Computer Link SIO	FATEK AUTOMATION Corporation	FB Series SIO	7	General SIO *2	
,	Personal Computer Link Ethernet			Modbus-IDA	General MODBUS RTU SIO Master	
	MEMOBUS SIO Master	Temperature	and Process Controllers	7	General MODBUS TCP Master	
	MODBUS TCP Master	Maker Name	Driver Name	ODVA	EtherNet/IP Explicit Messaging	
JTEKT Corporation (Old Name:TOYODA Machine works,LTD.)	TOYOPUC CMP-LINK SIO	Fuji Electric Systems Co., Ltd.	Temperature Controllers MODBUS SIO	*1 A driver for communication through a		
(Old Name:TOYODA Machine works,LTD.)	TOYOPUC CMP-LINK Ethernet	Yamatake Corporation	Digital Controller SIO		and and receive commands using D-script.	
Fuji Electric Systems Co.,Ltd.	MICREX-SX Series Ethernet		MODBUS SIO Master	1	_	
Siemens AG	SIMATIC S7 3964(R)/RK512		MODBUS TCP Master	More drivers under developmen		
	SIMATIC S7 MPI Direct	RKC INSTRUMENT INC.	Temperature Controllers MODBUS SIO	Visit the Otasuke Pro! support websi	te for the newest drivers and more detailed informati	
	SIMATIC S7 Ethernet		Temperature Controller	h 11 11		
	SIMATIC S5 CPU Direct OMRON Corporation		Temperature Controllers CompoWay/F	→ http://www.pro-face.com/otasuk		
	SIMATIC S5 3964(R)	Yokogawa Electric Corporation	Personal Computer Link SIO	1 .		
Siemens Building Technologies	SAPHIR SIO	Shinko Technos Co., Ltd.	Indicating Controller SIO	7		

Easy-to-read display in a compact size





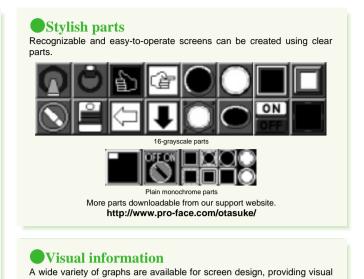


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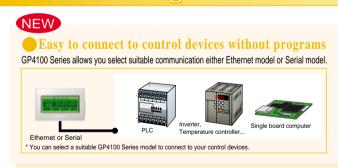


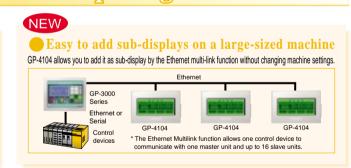


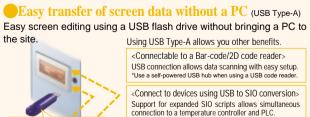
representation of operational status



Features of large-sized models in small package

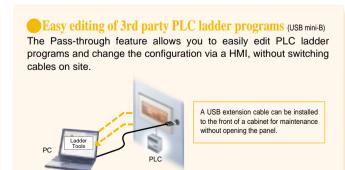






connection to a temperature controller and PLC.

<Ladder data can be transferred via USB memory>
Ladder data can be transferred from a display unit to TC Series
(PLCs manufactured by Toshiba Machine, Co., Ltd) and MP2000
Series (PLCs manufactured by YASKAWA Electric Corporation).



Easy installation with the common software among all Pro-face products



Screen Editor GP-Pro EX, common with all Pro-face products

The GP4100 series offers the other useful features. Visit the official Pro-face website for more information. http://www.proface.com/