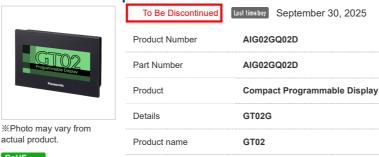
## **Panasonic**

## AIG02GQ02D | GT02



Sorry, no suggested alternative products.

## **Spec Detail**

Display:Displayable area

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Specification:	As of April 06, 2023 s and design of the products are subject to change without notice for the product improvement.
Item	Specifications
Product Number	AIG02GQ02D
Part Number	AIG02GQ02D
CE marking directive compliance	EMC Directive, RoHS Directive
Power supply	5 V DC
Operating voltage range	4.5 to 5.5 V DC
Power consumption	1 W or less
Power supply unit isolation method	_
Ambient temperature	0 to +50 °C +32 to +122°F
Ambient humidity	20 to 85% RH (at +25 $^{\circ}\text{C}$ +77 $^{\circ}\text{F}$ ), (No dew condensation allowed)
Storage temperature	-20 to +60 °C -4 to +140°F

Storage humidity 10 to 85% RH (at +25 °C +77 °F), (No dew condensation allowed) 5 to 8.4 Hz amplitude: 3.5 mm 0.138 in, 8.4 to 150 Hz acceleration 9.8 Vibration resistance m/s<sup>2</sup>, 10 sweeps each in X, Y and Z directions (1 octave/min.) Shock resistance 147 m/s<sup>2</sup>, 3 times in each of the X, Y and Z directions 1,000 V [P-P] or more, pulse width of 50 ns, 1 µs between power supply Superposed noise suppression terminals (by a noise simulator) IP67 (in the initial stages) Note: This protective structure condition applies to the front surface of the installed panel. This condition does not guarantee usage in all Environmental resistance environments provided by users. When reattaching the panel, replace the waterproof packing. Net weight 170 g approx. TFT monochrome LCD Display:Display device Note: The display has been changed STN LCD to TFT LCD from production in February 2017. Display:Resolution 240 (W) × 96 (H) dots Display:Display color 2 colors (black/white)

88.5 (W) × 35.4 (H) mm 3.484 (W) × 1.394 (H) inch

3-color LED (green / orange / red) Display:Backlight

Fixed (GTWIN) : 1/4 width (8  $\times$  8), half width (16  $\times$  8), full width (16  $\times$  16) Characters can be displayed in the 1, 2, 4, or 8 times width or height. Functions:Font types

TrueType (GTWIN): 10 to 96 dots

Japanese, English, Simplified Chinese, Traditional Chinese, Korean, Functions:Languages German, Italian, Spanish, French, Turkish, Russian, Vietnamese

Straight lines, Continuous straight lines, Squares, Circles, Ovals, Arcs, Elliptic arcs, Fan shapes, Elliptic fan shapes, Beveled squares, Bitmaps Functions: Graphics

250 screens approx.

Functions: Number of screens Note: The number of screens that can be registered varies according to

the registered contents.

Functions:Screen setting No. No. 0 to 3FF

Messages, Lamps, Switches, Function switches, Data, Bar graphs, Functions:Part functions Clocks, Keyboards, Line graphs, Alarm list, Custom parts (messages,

lamps, switches)

Recipe, Flow display, Write device, Language switching, GT link, Operation security, Data logging, SD recipe

Functions:Other functions Note: The data logging and SD recipe functions are available with only

models equipped with an SD / SDHC memory card slot.

Functions:Clock function

Functions:Contrast adjustment Unnecessary

Functions:Buzzer Installed

Functions: Automatic communication

Functions:Screen creation

settings

The communication speed (baud rate) is automatically changed if there is

no response from the target equipment.

GT connected between PC and PLC allows PLC to be debugged without Functions:Through function

a direct connection to a PC.

Dedicated software should be used. Applicable OS: Windows® 2000 / XP

/ Vista / 7 / 8 / 8.1 / 10

Note: The 64-bit version is not supported except for Windows® 7 / 8 / 8.1 /

Windows is registered trademark or trademark of Microsoft Corporation in the United States and other countries.

Touch key resolution Free layout (8 dots min.)

Touch key operation force 0.8 N or less

Touch key life 1 million operations or more (at +25 °C +77 °F)

COM. Port:Communication standard Conforms to RS-232C

COM. Port: External communication

conditions

Baud rate: 9,600 bps, 19,200 bps, 38,400 bps, 57,600 bps, 115,200 bps Data bits: 7 or 8 bits, Parity: None, Odd, Even, Stop bits: 1 bit

Our FP series supported, General-purpose serial interface supported, COM. Port:Protocol

Connector terminal block (8 pins)

Other companies' PLC supported (Refer to the compatible PLC list for

manufacturers and models.)

Screen data transfer interface:Communication standard

USB1.1

Screen data transfer

COM. Port:Connector

interface:Protocol

Our dedicated protocol

Screen data transfer interface:Connector

USB Mini-B

User's memory: Memory

F-ROM

User's memory: Capacity Memory backup: Memory 2 Mbyte

Memory backup:Backup battery

## **Accessories**



Product Number	AFPX-BATT
Part Number	AFPX-BATT
Product	backup battery
Product name	Backup battery

No image N	

Product Number	AIG02800	Product Number	AIG02810
Part Number	AIG02800	Part Number	AIG02810
Product name	Panel face protection sheets	Product name	Waterproof packing

No image	
Product Number	AIG12830
Part Number	AIG12830
Product	Mounting parts

No image		No image	
Product Number	AIGSGT7EN	Product Number	AIGT084
Part Number	AIGSGT7EN	Part Number	AIGT084
Product name	Terminal GTWIN Ver.3	Product name	Spare connector

No	

name

Product Number	AIGT8142
Part Number	AIGT8142
Product	PLC connection cable
Product name	PLC connection cable

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