3-Color Backlight Screen for Vivid Data Visualization

Featuring a bright 3.7/4.5-inch STN black-and-white liquid crystal display. Offering screen colors that show the operating status of the application. Enabling specification of color and flashing of the backlight for each screen. Backlight control via the connected PLC.

- **GT1020-LBD(W) / GT1020-LBD(W)2**
- **GT1030-LBD(W) / GT1030-LBD(W)2**
- **GT1020-LBD2**
- **GT1030-LBD2**

**Specifications**
- **Display size (mm)**: 3 Touch keys
- **Screen size/Resolution**: 2 inches
- **Amplitude**: 5 to 9 Hz
- **Contrast adjustment**: 9 to 150 Hz
- **Brightness adjustment**: 2,500 Hz
- **Frequency**: 5 to 9 Hz
- **Contrast**: 9 to 150 Hz
- **Brightness**: 5 to 9 Hz
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- **Contrast**: 9 to 150 Hz
- **Brightness**
GT10 Make the Switch!

- Vivid Display
- User Friendly
- Intelligent Functionality
- Straight Forward Connectivity

GT10 Series

1. High Resolution and Wide Screen
2. Built-in port in FX Series PLC or RS-422 type function extension board
3. RS-232 type function extension board or special microcomputer
4. Pre-installed OS
5. Optional LED backlight (GT1020-LBL, GT1020-LBLW, GT1030-LBDW2, GT1030-LBD2)

Dimensions
- GT1020: 113mm (4.45")
- GT1030: 163mm (6.42")

Connection Cables
- GT10-C10R4-8P (1m)
- GT10-C10R4-25P (2.5m)
- GT10-C200R4-25P (20m)
- GT10-C30R2-6P (3m)
- GT10-C30R4-25P (3m)
- GT10-C300R4-25P (30m)

Weight
- GT1020: 800g
- GT1030: 900g

Language switching windows can be easily created allowing one language to be used for a variety of countries and areas.

GOT1000 Series

- Functionality of GOT1000 Series embodied in a compact design
- Intelligent Functionality
  - Language switching windows can be easily created allowing one language to be used for a variety of countries and areas.
  - Through the personal computer communication connector, GX Developer can be used to transfer/monitor/test sequence program.

Intelligent Functionality

- Additional power supply communication cable.
- FX programming port
- Pre-installed OS

- GT1020 and GT1030 uses a LED backlight for high reliability that does not require replacement.

- When two GT1020 units are connected, transparent functionality is disabled.

Choose your font!

- Choose your font! English, Japanese, Chinese, etc.
- True type font, high quality
- Choose your font! italic, underlined and underlined

System Configuration

- Terminal functions
  - RS-422 connector
  - Power terminal 24 VDC
- RS-232 connection
  - +1
  - -0
  - CABLE: GT10-C30R2-6P (3m)

Trouble free

- Front panel damage and panel cut size
- Connection Cables
- Panel cut size
- GT1020-LBL, GT1020-LBLW (5V DC Power supply by PLC)
### 3-Color Backlight Screen for Vivid Data Visualization

Featuring a bright 3.7/4.5-inch STN black-and-white liquid crystal display.

- **Color**
  - 3-Color LED (green, orange and red)

- **Display Size**
  - 3.7-inch/160 W x 64 H dots
  - 4.5-inch/240 W x 128 H dots

- **User Memory**
  - 50/screen (analog resistive film type)
  - 100,000 times

- **Buzzer Output**
  - Buzzer sound issued (not required)

- **Supply Voltage**
  - 5V DC (±5%)

- **Life**
  - 1,000,000 times or more (pressing power: 0.98 N or less)

- **Intermittent Resin Film**
  - Object: Straight line, continuous straight line, rectangle, polygon, chamfered rectangle, circle, ellipse, circular arc, elliptical arc, circular sector, elliptical sector, scale display, painting and image type (BMP/DXF)

- **Function**
  - Screen switching function, screen call, language switching function, password protection, system information, connected equipment setting and startup logo

- **Character Type**
  - 2  tones
  - 3 tones

- **Character Size**
  - 2  tones

- **Terminal**
  - RS-232
  - RS-422

- **Application Period**
  - 11 ms, sine half-wave pulse, 3 times in each of X, Y and Z directions

- **Dimensions**
  - GT1020-LBD(W) / GT1020-LBD(W)2
  - GT1030-LBD(W) / GT1030-LBD(W)2

- **Features**
  - Transparent mode
  - Multi-unit connection

- **Built-in Flash ROM**
  - To store project data (1.5 MB or less) and OS, alarm history and recipe data, replacement cycle: 5 years (at ambient operating temperature of 25ºC), guarantee: 1 year

- **Acceleration**
  - 4

- **Power Supply**
  - 24 VDC (+10%, -15%)

- **Temperature**
  - -20 to +60ºC (Ambient operating/storage humidity)
  - Excluding display area: 0 to +55ºC (horizontal layout) or 0 to +50ºC (vertical layout)

- **Humidity**
  - 95% max. (non-condensing)

- **Waterproof**
  - IP54

- **Variability**
  - GS, CE, UL, cUL, CB, VDE, IEC, FCC

- **Safety Warning**
  - To ensure proper operation of the equipment, please to refer to the instruction manual enclosed with the product.