

Character Displays

HG1X text display for small applications

The HG1X series are text message displays with built-in user definable function keys which make them an excellent tool for small applications. The bright, back lit LCD screens can display data, alarms, errors, and data entry. The user can define as many screens as allowed by the memory and create multiple alarms with basic acknowledgements. In addition, they can communicate with IDEC PLCs as well as many other major brand PLCs.

- Models available:
 - 2-line, 16 character display with 24KB memory
 - 4-line, 20 character display with 24KB memory
 - 8-line, 20 character display with 64KB memory
- All keys are programmable to do multiple tasks
- Screen Password protection
- LEDs are programmable for on/off state
- Serial port for printing screens and alarms
- Numeric keypad for easy data entry (4 and 8-line displays only)
- Bitmap import capability (8-line displays only)
- Communication available for most major PLC manufacturers
- Class 1 Div 2 (UL 1604) for hazardous locations, UL508, IP65 rated
- All models are programmable with WINDMSG software

Screens:

Users can easily define as many screens as allowed by the unit's memory. A list of tasks can be assigned for each screen. All screens can be password protected providing an increased level of security. Various types of objects can be placed on the screens such as text, data display, alarm object, data entry, bar graphs, and a user can even import images (8 line display model only).

Keys:

The keys are user definable. Each key can have multiple tasks assigned to it, making them extremely powerful tools for simple machine control. Create simple alarms with keys assigned to acknowledge alarms and print or view next/previous alarms.

LED:

The LEDs provide on/off status for users to provide for simple monitoring.

Changing Data:

Cursor control (for 2-line display) or keypad (for 4-line and 8-line display) operations are available for easy data entry.

Serial Port:

Supports serial printing to print screens. Great for keeping records or for documentation purposes.



2 Line Display



4 Line Display



8 Line Display



Operator Interface

Description	Communication Type	Part Numbers
2-Line Text Message Display, No External Power Required	RS-232	HG1X-252
2-Line Text Message Display, 24VDC Power Required	RS-232 / RS-485	HG1X-222
4-Line Text Message Display, No External Power Required	RS-232	HG1X-452
4-Line Text Message Display, 24VDC Power Required	RS-232 / RS-485	HG1X-422
8-Line Text Message Display, 24VDC Power Required	RS-232 / RS-485	HG1X-822



All HG1X models come with mounting clips and a gasket.

Replacement Parts

Description	Model	Part Numbers
Hardware Set: 2 pieces mounting clips & 1 gasket	for HG1X-252/222	HG9Z-MTHW160D
	for HG1X-452/422/822	HG9Z-MTHW170D