

SUPER TEXT-DISPLAY

SH-300

Remarkable functionality, high performance, low cost & the best choice for an electronic HMI display.

Features

- Data monitoring is reflected via the PLC thereby informing the user of equipment status
- Control functions set in the front keypad allow the user to change the status and functionality of the unit.
- Data processing, real time sampling and information processing
- SH-300 comes with windows compatibility
- Alarm list functionality, displaying current status
- Password protection
- Easy to use front keypad(user friendly)
- STN LCD backlit screen allowing for 24 symbols across four rows, making it a clear and informative display.
- Compact and aesthetic in design
- Front panel is IP65



Technical Specifications

Hardware Specifications

| | |
|------------------------|---|
| Screen | 4.3" STN LCD |
| Resolution | 192 x 64 pixels |
| LCM life | With 25±2°C 65±10%RH over 50 000 hours |
| Brightness | 60 cd/m ² ?? |
| Colour | Single colour |
| Contrast | Adjustable Resistor |
| Backlight | Longlife Yellow/Green LED |
| Memory | 110KB Flash ROM |
| Comms Port | PC RS232 & PLC RS485/422 & PLC RS232 |
| Function Key | 20 custom keys, including 12 numeric inputs |
| Allowable current loop | ≤ 20ms |

General Specifications

| | |
|------------------------------|--|
| Voltage | 12 ≈ 24VDC ± 10% <150mA @ 24VDC |
| Interference withstand test | Voltage 1500Vp-p, pulse period 1us, sustain 1s |
| Withstanding Voltage test | 500VAC 1minute |
| Insulation Resistance | Over 10M ohm @ 500VDC |
| Seismic Test | 10 ≈ 25 Hz (X, Y, Z direction 2G 30 minutes) |
| Protection level | IP65 front panel |
| Working Environment Temp | -10 ≈ 60°C |
| Working Environment Humidity | 20≈90% RH (non-condensation) |
| Storage Temperature | -20°C ≈ 70°C |
| Housing Material | Industrial plastics ABS+PC |
| Frame Dimensions | 171.8 x 84.2 x 38.6mm |
| Display Dimensions | 97.0 x 34.5mm |
| Cutout | 165 x 85mm |
| Cooling method | Natural air cooling |
| Weight | 260g |