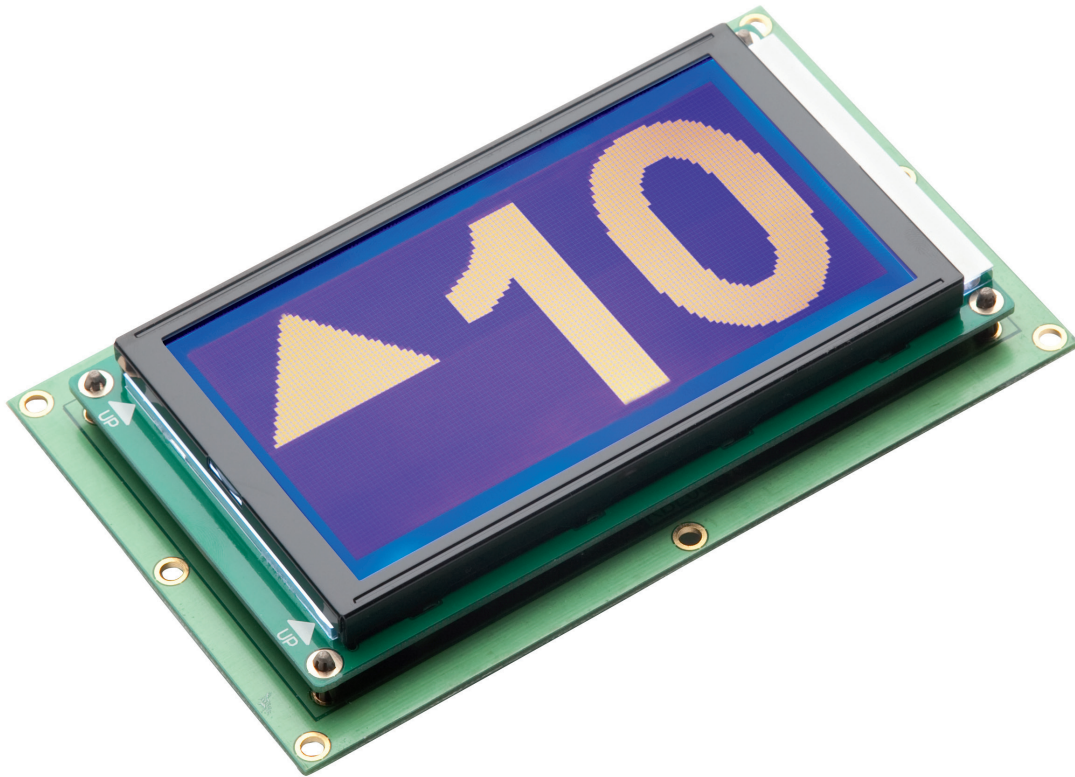


LCD Displays 128 A / 128 B



Major advantages of the new LCD displays are their exceptionally clear and uniform characters and the durable and evenly illuminated white LED back light. As every pixel is addressable separately, they offer almost unlimited design options and are deployable with the utmost flexibility. Their

low power consumption translates into perceptibly decreased operational costs. Being constructed as single-layer SMD circuit boards makes them highly fail-safe. They offer automatic signal recognition and connectors for an optional buzzer or emergency power supply. They can be con-

trolled over parallel (P) cables or serial (S) via a KBL circuit board over Kollmorgen Shaft bus. We deliver the displays programmed with custom designs and ready-to-install or it can be programmed with a special software tool by the customer.

Technical Data

| | | |
|----------------------------|----------------------------|-----------------------------------|
| Model | LCD 128 A | LCD 128 B |
| Visible area | 70 mm x 40 mm | 114 mm x 64 mm |
| Resolution | 128 x 64 pixels | 128 x 64 pixels |
| Backlight | superbright LEDs | superbright LEDs |
| Dimensions | 111 mm x 88 mm | 161 mm x 120 mm |
| Mounting | with 4 welding bolts | with 4 welding bolts |
| Text colour | white on blue | white on blue |
| Operating voltage | 12 - 30 V DC | 12 - 30 V DC |
| Current consumption | 70 mA | 70 mA |
| Type | A | B |
| Data Transfer parallel | P | P |
| Data Transfer serial / KSB | (in prep.) | S (KBL) |
| Inputs | Binary Gray Code BCD | KSB Binary Gray Code BCD |

Advantages

- Freely programmable
- Bright and uniform characters (long-life led backlit)
- Very low power consumption
- SMT single layer PCB design for reliability
- Automatic detection of signalling common (positive or negative)
- Option: buzzer and emergency light
- Almost unlimited display possibilities
- Plug interface MicroMaTch
- Easy and quick mounting