

Its task is to display graphics and texts to the operator.

Performance characteristics of the LCD:

128 x 160 pixels

Background illumination

DST technology

Integral controller

6.4 Functional description

The LCD provides 20480 individually controllable pixels in a 160 x 128 pixel matrix.

This facilitates the display of texts, graphics or a mixture of both.

It is controlled by printed circuit board PS 11 which also supplies the power for the electronics,

the display and background illumination.

6.5 Technical data

Dimensions 154 mm x 123 mm

Weight Approx. 250 g

Contacts 20--pole socket connector

Display LCD, positive, transreflective, white background illumination

128 x 160 pixels

Visible surface 100 x 80 mm²

Supply voltage +5 VDC

--24 VDC

Illumination: 300 VAC typ.

Power consumption +5 V: Approx. 10 mA

--24 V: Approx. --5 mA

Illumination: Operating current approx. 5 mA

Operating temperature --25 °C...+70 °C

Storage temperature --25 °C...+80 °C

Installation location Installation in panel or electronic housing

Mounting Screwed

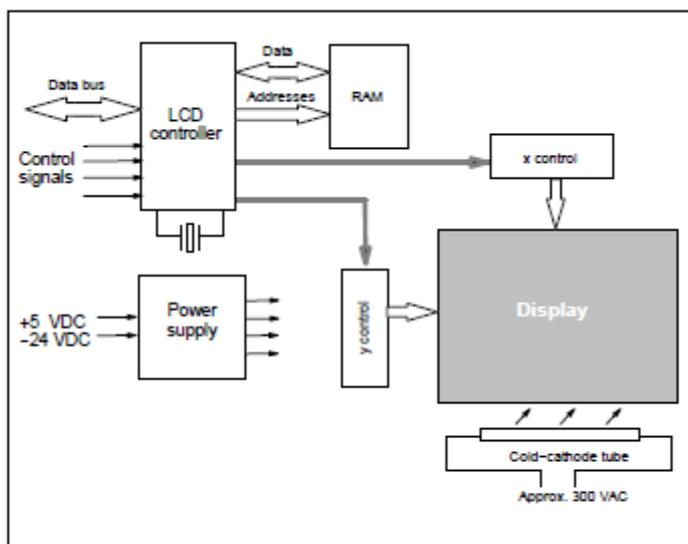


Fig. 10 Block circuit diagram LCD