

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, transfective, white background illumination

128 x 160 pixels

Visible surface 100 x 80 mm<sup>2</sup>

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

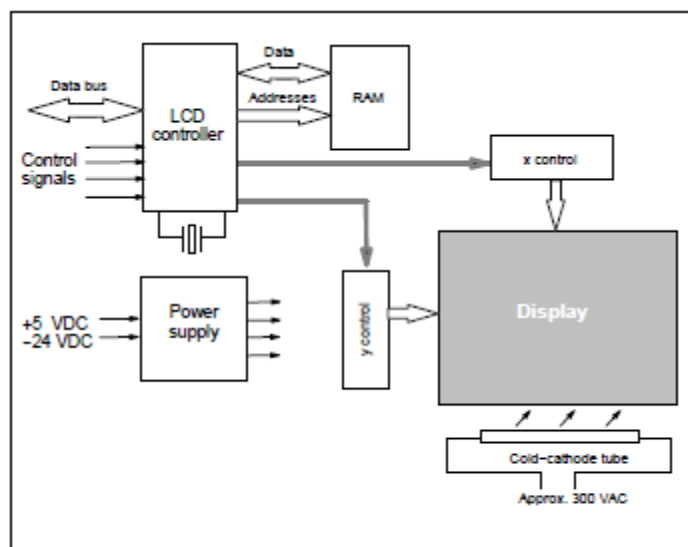


Fig. 10 Block circuit diagram LCD