



DMD 128

Dot-Matrix Display

- Large LED-matrix, 128 mm display height
 - Integrated character set, adjustable character size
 - Control of single pixels feasible
 - Display of variables
 - Overlay (clippingregion)
 - Graphics support (line, rectangle, circle, ...)
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- 3 sizes: 64, 128 or 192x32 pixel
 - 4 mm pixel distance (pitch)
 - 8 colours
 - brightness adjustable in 255 steps
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- 24 V DC Supply voltage (18 - 32 V DC)
 - Wall or ceiling mount aluminium enclosure
 - Anti-reflective front screen

Order options:

- Interfaces:
 - PROFINET-IO
 - EtherCAT CoE
 - CANopen DS301
 - Modbus Serial/TCP
 - Ethernet TCP/UDP
 - Other interfaces on request
- Brackets for wall or ceiling mounting
- Assembled cables

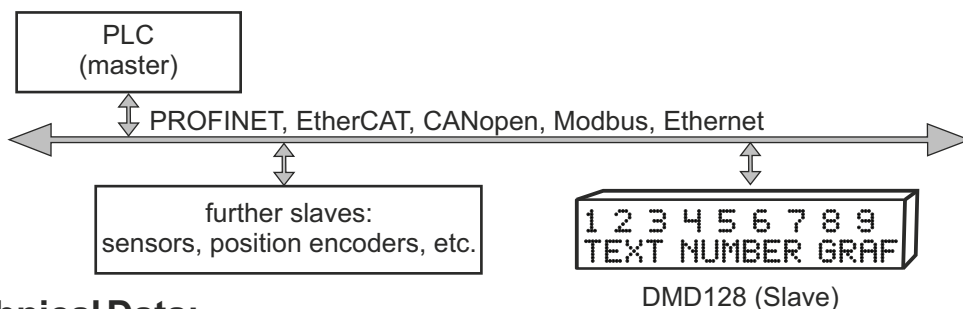


General:

The DMD128 dot-matrix display is a freely programmable, graphics-capable optical display for demanding indoor industrial applications. It provides a brilliant display of numbers, text, symbols and graphics. The DMD128 offers freely programmable character size and number in sixteen different colours per pixel via the interface.

The DMD128 is primarily used to display a wide range of process data and physical quantities such as weight, pressure, rpm, temperature or speed. With a viewing distance of 50 m, a brightness of 800 cd/m² and a viewing angle of 160°, the information shown on the display is clearly visible from a greater distance and from different viewing angles. The low-reflection, anti-glare front screen provides high contrast. This ensures readability even in difficult viewing conditions.

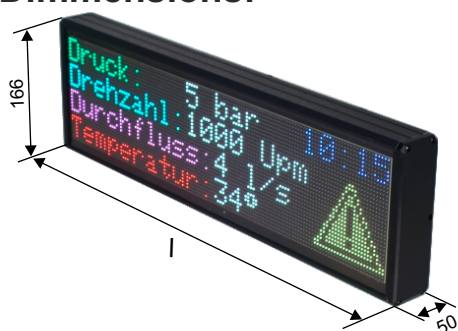
Connectors for industry standard interfaces ensure optimum data security for power supply and data exchange. The display technology used is based on LEDs. The display is housed in a robust, coated aluminium case measuring 166 x 50 mm (height x depth).



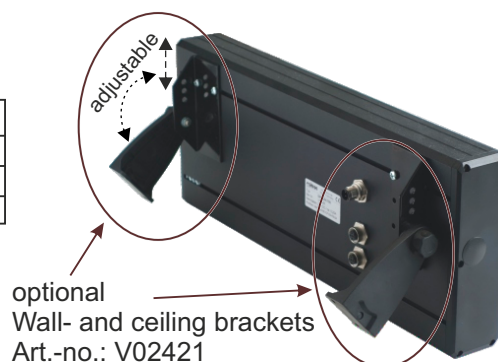
Technical Data:

Display:	LED dot-matrix, multicolour, 4 mm pitch
Number of pixel:	64x32 (DMD128/2) / 128x32 (DMD128/5) / 192x32 (DMD128/8)
Brightness:	800 cd/m ²
Viewing angle:	160°
Supply voltage:	24 V DC
Admissible range:	18 - 32 V DC
Ambience temperature:	0... 50°C
Storage temperature:	-20... +70°C
Humidity:	max. 90%, non dewing
Protection class (front):	IP51 (with vertical front panel)
24 V connection:	M12 circular plug
Interface:	Galvanically insulated M12 circular plug

Dimensions:



I	size
291	DMD128/2...
547	DMD128/5...
803	DMD128/8...



Order data:

DMD128/x.400 display module, CANopen
DMD128/x.500 display module, Modbus RS485
DMD128/x.600 display module, EtherCAT
DMD128/x.700 display module, PROFINET-IO
DMD128/x.800 display module, Modbus TCP
DMD128/x.900 display module, Ethernet TCP/UDP

x = 2, 5 or 8
= Number of characters
in full size

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esitron-electronic GmbH

Ernst-Zimmermann-Str. 18
D-88045 Friedrichshafen
Internet: www.esitron.de

Tel. +49(0)7541-6000-0
Fax +49(0)7541-6000-11
E-Mail: info@esitron.de