



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, ...)

- 3 sizes: 64, 128 or 192x32 pixel
- 4 mm pixel distance (pitch)
- 8 colours
- brightness adjustable in 255 steps

- 24 V DC Supply voltage (18 - 32 V DC)
- Wall or ceiling mount aluminium enclosure
- Anti-reflective front screen

Order options:

- Interfaces:
 - PROFINET-IO
 - PROFIBUS-DP
 - EtherCAT CoE
 - CANopen DS301
 - Modbus TCP
 - Other interfaces on request

- Brackets for wall or ceiling mounting
- Assembled cables

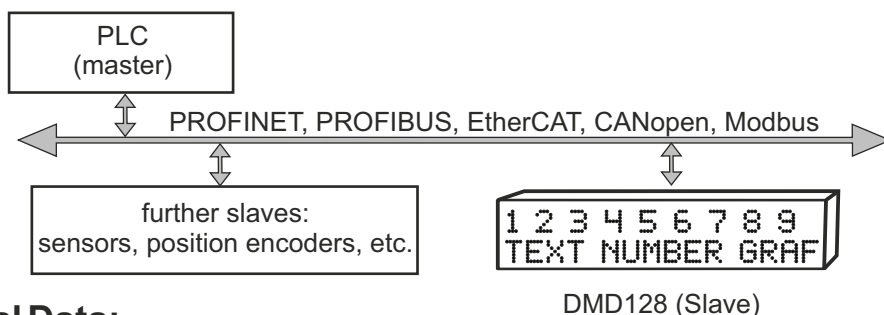


General:

The DMD128 dot-matrix display is a freely programmable 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 eight 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).



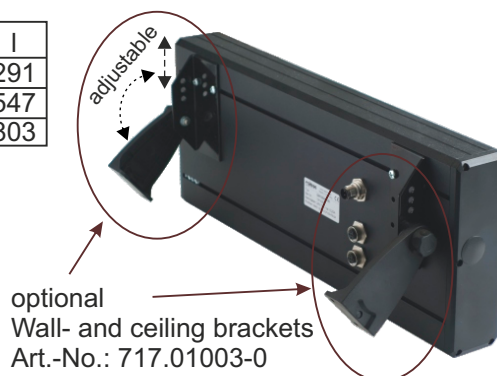
Technical Data:

Display:	LED dot-matrix, multicolour, 4 mm pitch				
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)				
24V connection:	M12 circular plug				
Interface:	PROFINET	PROFIBUS	EtherCAT	CANopen	Modbus
Protocoll:	I/O-device	DP	CoE	DS301	TCP
Configuration file:	GSDML	GSD	XML	EDS	-
Data rate:	10/100 MBit/s	...12 MBd	10/100 MBit/s	...1 MBd	10/100 MBit/s
Sync:	-	supported	-	supported	-
Freeze:	-	supported	-	-	-
Connection:	2x M12 switched	2x M12	2x M12	2x M12	2x M12
Termination:	-	external	-	external	-

Dimensions:



order-code:	pixel	l
DMD128/2...	64x32	291
DMD128/5...	128x32	547
DMD128/8...	192x32	803



Order data:

- DMD 128/x.100 display module, PROFIBUS-DP
- DMD 128/x.400 display module, CANopen
- DMD 128/x.600 display module, EtherCAT
- DMD 128/x.700 display module, PROFINET-IO
- DMD 128/x.800 display module, Modbus TCP

All data in this brochure are of informative character without warranty of characteristics. Changes without previous announcement reserved.

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