



DM100

Display Module

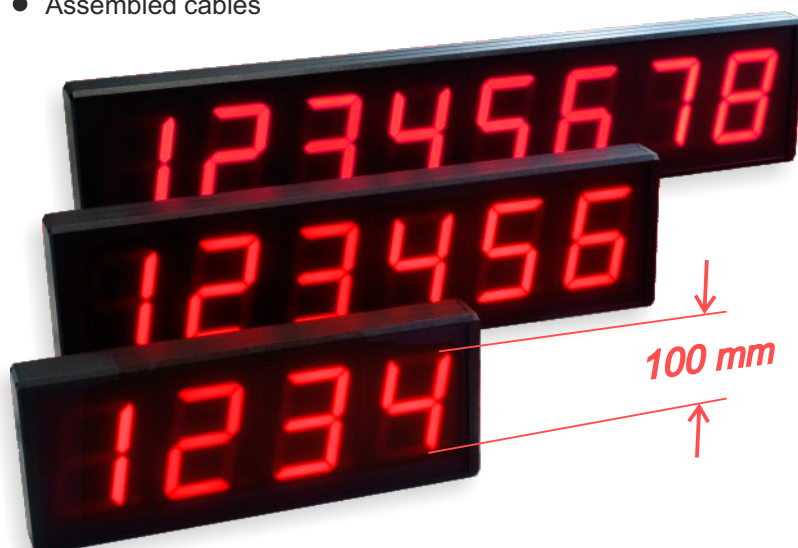
- Large LED display (red, 100 mm character height)
 - Large display area (4, 6, 8 digits)
 - Adjustable brightness
 - Direct display of signed numbers
 - Decimal point / decimals can be set
 - Colon switchable between every 2 digits
 - Direct control of individual digits with integrated character set
 - Flashing function of each digit
 - Direct control of individual segments feasible
 - Interfaces:
 - PROFIBUS-DP
 - PROFINET-IO
 - CANopen DS301
 - EtherCAT CoE
 - Modbus
 - Further interfaces on request
 - Setting of various operating modes via interface configuration
 - Test function integrated
 - 24 V DC supply voltage (18 - 32 V DC)
 - Wall or ceiling mount aluminium enclosure
- Order options:**
- Brackets for wall or ceiling mounting
 - Assembled cables



DM100/8

DM100/6

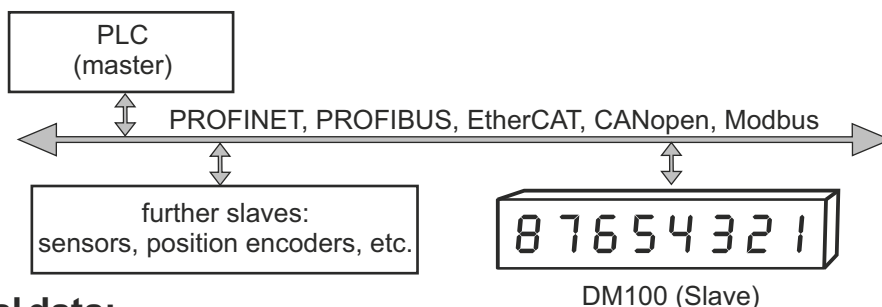
DM100/4



Display Module DM100

The DM100 is a display module for PROFINET, PROFIBUS, EtherCAT, CANopen, or Modbus. It can display any number, special characters and some letters. The 100 mm sized characters are well legible from a distance of 50 m. The display can easily be linked to any network via built-in interface. EtherCAT and CAN-versions support dynamic mapping. Connection is accomplished via common M12 circular plugs.

The data and values received from the master are converted and displayed on the 7-segment display. The integrated character set allows to display numbers directly with decimal places and signs as well as special characters and partially letters. The integrated flashing function offers the opportunity to display exceeding limits or alarm states effectively. Individual display segments can be activated as well as many other useful functions are available. The display module is therefore suitable for displaying any process data such as pressure, flow, positions, temperature, speed, counter values, etc. in large production environments.



Technical data:

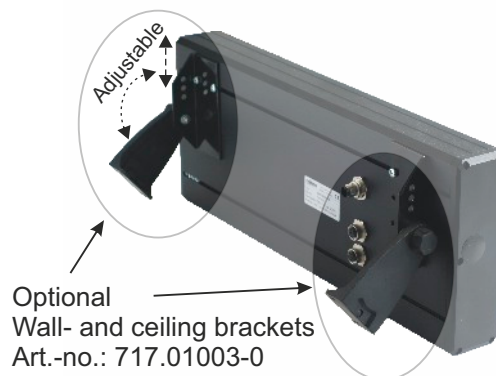
Display:	LED 7 segments, red, 4, 6, 8 digits, 100 mm height				
Supply voltage:	24 V DC				
Admissible range:	18 - 32 V DC				
Ambience temperature:	0...50°C				
Storage temperature:	-20...+70°C				
Humidity:	max. 90%, non dewing				
Protection class (front):	IP51 (with vertical front panel)				
24 V connection:	M12 circular plug				
Interface:	PROFINET	PROFIBUS	EtherCAT	CANopen	RS485
Protocol:	I/O-device	DP	CoE	DS301	Modbus
Configuration file:	GSDML	GSD	XML	EDS	-
Data rate:	10/100 MBit/s	...12 MBd	10/100 MBit/s	...1 MBd	...115,2 kBd
Sync:	-	supported	-	supported	-
Freeze:	-	supported	-	-	-
Connection:	2 x M12 switched	2 x M12	2 x M12	2 x M12	2 x M12
Termination:	-	external	-	external	external

Dimensions:



Digits	k
4	415
6	609
8	804

Further digits on request.



Order data:

DM100/x.100 Display module, PROFIBUS-DP
 DM100/x.400 Display module, CANopen
 DM100/x.500 Display module, Modbus
 DM100/x.600 Display module, EtherCAT
 DM100/x.700 Display module, PROFINET-I/O

x = number of digits

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

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