



## DM 100

### Display-Module

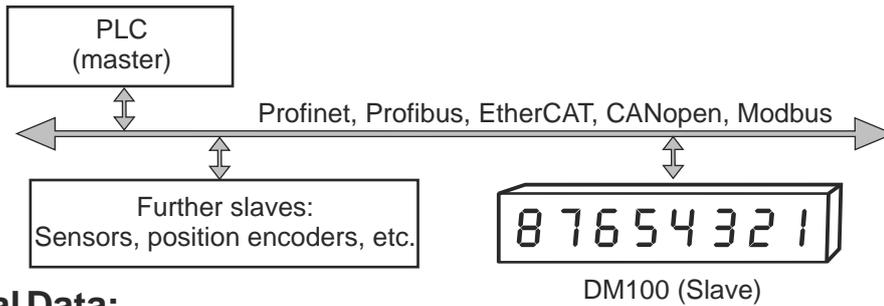
- Large LED - Display (red, 100mm character height)
  - Large display area (4 ... 8 digits)
  - Adjustable brightness
  - Direct display of signed numbers
  - Decimal point / decimal places can be set
  - Colon between each 2 digits switchable
  - Direct selection of individual digits with integrated character set
  - Flashing function for each digit
  - Direct selection of individual segments feasible
  - Interfaces:
    - Profibus-DP
    - PROFINET-IO
    - CANopen DS301
    - EtherCAT CoE
    - Modbus
    - Other interfaces on request
  - Setting of different operating modes via interface configuration
  - Integrated test function
  - 24Vdc Supply voltage (18 - 32 Vdc)
  - Wall or ceiling mount aluminium enclosure
- Order options:**
- Brackets for wall or ceiling mounting
  - Assembled cables



# Display Module DM100

The DM100 is a display module for Profinet, Profibus-DP, EtherCAT, CANopen or Modbus. It can display any number, special characters and some letters. The 100mm high characters are legible from 50m distance. The display can easily be linked to any network via the built-in interface. EtherCAT and CAN-versions support dynamic mapping. Connection is accomplished via usual M12 round plugs.

The data and values received from the master are converted and displayed on the 7-segment display. The integrated character set allows that numbers can be directly displayed with decimal places and signs as well as special characters and partially letters. The integrated flashing function offers the possibility to display exceeding limits or alarm states very effective. The activation of individual display segments as well as many other useful functions are also 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:

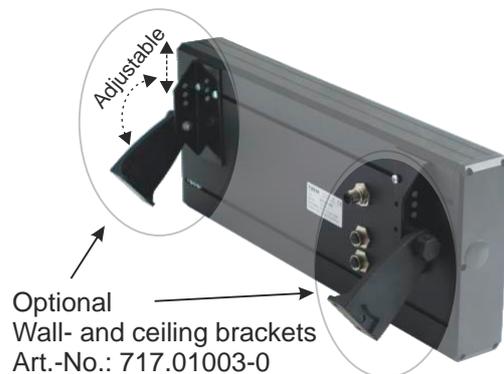
Display:	LED 7-Segment, red, 4 ... 8 digits, 100mm height				
Supply voltage:	24 Vdc				
Admissible range:	18 - 32 Vdc				
Ambience temperature:	0 ... 50°C				
Storage temperature:	-20 ... +70°C				
Humidity:	max. 90%, non dewing				
Protection class (front):	IP51 (with vertical front panel)				
24V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

## Dimensions:



Digits	k
4	415
6	609
8	804

Other 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 have an 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