

Graphic display series migra SC/MC



- LED-dot matrix
- Character size 30..100 mm
- Single colour red (SC), multi colour red, yellow, green (MC)
- Up to 320 characters, depending on character height
- Interface RS485, Profibus, AS-Interface or Ethernet
- Protection class IP54 or IP65

Characteristics

The migra SC/MC graphics and text compatible large size LED display can be used universally for display of production data or as an information board.

The modular design allows cost-effective models of various sizes with different character heights and number of digits.

Thanks to the high resolution LED dot matrix display, characters as well as graphics are crystal clear.

Especially important information can be colour-highlighted with the multicolour model (MC).

Technical data

Power supply

Supply voltage : 230 V AC 50 Hz, 24 V DC $\pm 20\%$
Power consumption : 30 W max. depends to the character size
Operating temp. : 0..50 °C

Input

Digital : pulse counter, A/D-converter
Interface : Profibus, AS-Interface, Serial RS485, Ethernet, Modbus

Display

: LED dot matrix; 64x16 Pixel per module,
30, 40, 55 mm at 3 mm pixel diameter,
50, 75, 100 mm at 5 mm pixel diameter

SC

: single color red

MC

: multi color red, yellow, green
ASCII full graphic character set

Angle of radiation : $\pm 75^\circ$

Field case

: material aluminum,
powder coated, RAL 7016

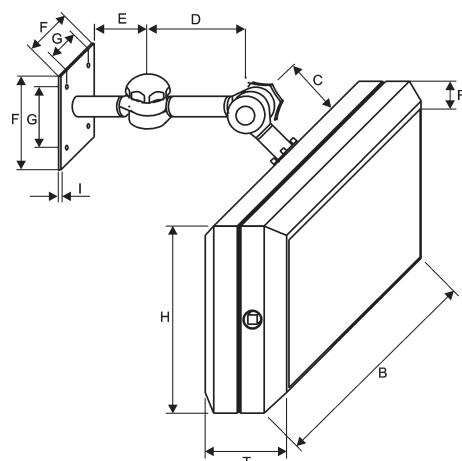
Dimensions

: see table

Protection class

: IP54 or IP65

Dimensions



	[mm]
C	60
D	110
E	74
F	100
G	70
I	7
R	21
T	87

Dimensions H and B

Number of modules/pixel height [mm]

3 mm								
	1 module		2 modules		3 modules		4 modules	
	H	B	H	B	H	B	H	B
1 module	202	368	202	620	202	920	202	1150
2 modules	238	368	238	620	238	920	238	1150
3 modules	280	368	280	620	280	920	280	1150
4 modules	338	368	338	620	338	920	338	1150
5 mm								
	1 module		2 modules		3 modules		4 modules	
	H	B	H	B	H	B	H	B
1 module	202	620	202	1080	202	1559	202	2047
2 modules	238	620	238	1080	238	1559	238	2047
3 modules	448	620	448	1080	448	1559	448	2047
4 modules	571	620	571	1080	571	1559	571	2047

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Ordering code

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1. Display 1 basic module	
SC-3	3 mm single color red (indoor mounting)
MC-3	3 mm multi color red/yellow/green (indoor mounting)
SC-5	5 mm single color red (indoor mounting)
MC-5	5 mm multi color red/yellow/green (indoor mounting)
2. Extended module (1 module = 64x16 Pixel)	
n	
3. Mounting position (f.e. 1x4 = 1 line with 4 modules)	
For each 4x4 module 1 basic module is necessary	
4. Input	
0	pulse counter
1	A/D converter 4-steps
3	serial RS 485
4	Profibus DP, include cable plug
5	Ethernet TCP/IP
6	AS-Interface
B	radio controlled clock DCF77
D	Modbus RTU
E	WLAN
5. Supply voltage	
0	230 V AC ±10 % 50-60Hz
5	24 V DC ±15 %
6. Protection class	
0	IP54
1	IP65
7. Mounting	
1	multi hinge*
2	mounting angle *
3	suspension eyes for chains
8. Options	
00	without
03	heating with controller
06	sensor for display brightness (only SC-5, MC-5)

* 2 multi hinge/mounting angle are necessary for more than 2 modules in line

* 3 multi hinge/mounting angle are necessary for more than 3 modules in line