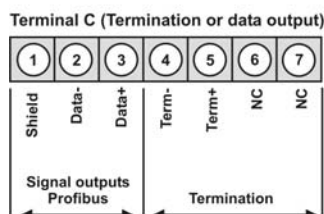
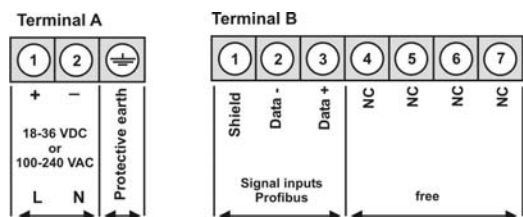


# MG – 4-digit large size displays for indoor use Profibus DP

- red display of -999...9999 Digits (optional 5-8 digits)
- digit height 57 mm, 100 mm, 200 mm on demand
- Aluminium profile housing, protection class IP65
- built-on devices or panel meter
- programming interlock via code input
- on demand: outdoor devices with ultra-bright LED and heating

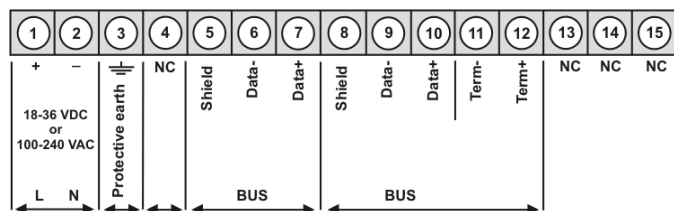


## • Built-on enclosure



Supply	Order number (without options)	EUR
57 mm 100-240 VAC	<b>MG-ABR41.9000.S10BD1</b>	1250,00
57 mm 18-36 VDC	<b>MG-ABR41.9000.710BD1</b>	1250,00
100 mm 100-240 VAC	<b>MG-ABR42.9000.S10BD1</b>	1398,00
100 mm 18-36 VDC	<b>MG-ABR42.9000.710BD1</b>	1398,00

## • Panel housing



57 mm 100-240 VAC	<b>MG-BBR41.9000.S10BD3</b>	1250,00
57 mm 18-36 VDC	<b>MG-BBR41.9000.710BD3</b>	1250,00
100 mm 100-240 VAC	<b>MG-BBR42.9000.S10BD3</b>	1398,00
100 mm 18-36 VDC	<b>MG-BBR42.9000.710BD3</b>	1398,00

## • Order key options

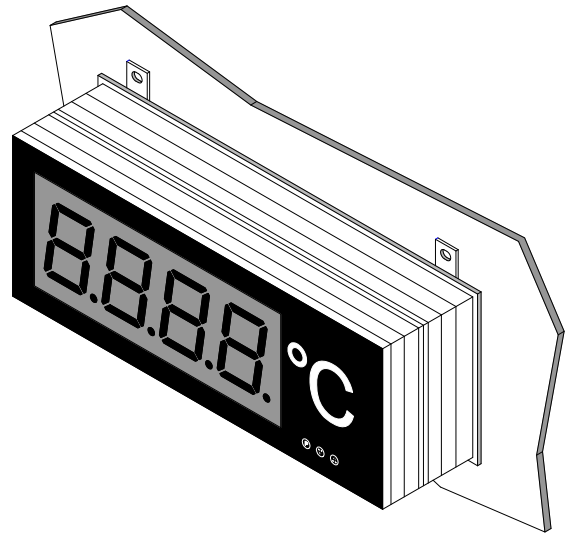
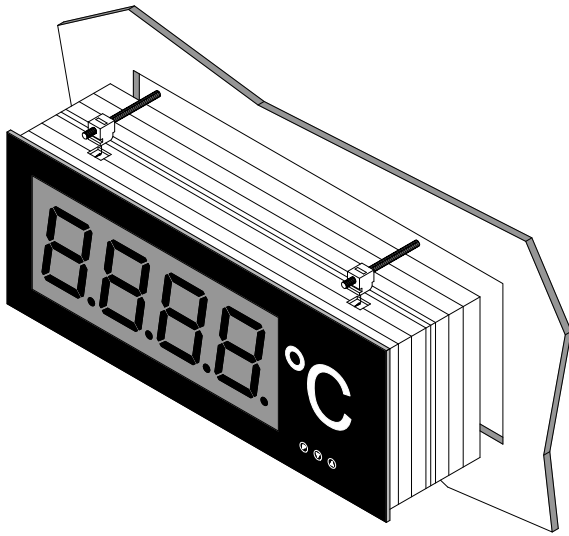
M	G	-	A	B	R	4	X	9	0	0	0	X	1	0	B	D	1	Built-on enclosure	EUR	
M	G	-	B	B	R	4	X	9	0	0	0	X	1	0	B	D	3	Panel housing		
																		5	200 mm LED	on request
																		X	Number of digits: 5-8 digits	on request
																		G	Green LED	
																		X	Further device types	on request

State physical unit by order on demand, e.g. kg.

## • Technical data

<b>Dimensions</b>	Built-on enclosure	57 mm display: 316 mm x 124 mm x 82 mm (WxHxD) 100 mm display: 526 mm x 176 mm x 82 mm (WxHxD)
	Fixing	via fixing flange at the back
	Housing material Protection	Aluminium, black, powder-coated IP65
<b>Connection</b>	Type of plug	circular plug-in connector Binder-Series 693
	Cable admission	PG9 (6.0 ... 9.5 mm)
	Protection class	IP65
	Mechanic durability Connection type	> 500 contact durability screws
<b>Terminal A</b>	Number of poles	3 + PE
	Cable cross section	0.5...2.5 mm (AWG 20...14)
	Rating voltage	400 V
	Rating current	12 A
<b>Terminal B &amp; C</b>	Number of poles	7
	Cable cross section	0.34...1.5 mm (AWG 22...16)
	Rating voltage	250 V
	Rating current	8 A
<b>Dimensions</b>	Panel housing	57 mm display: W 316 mm x H 124 mm x D 104 mm 100 mm display: W 526 mm x H 176 mm x D 104 mm
	Panel cut-out	57 mm display: W 310.0 x H 118.0 <sup>+/-0.5</sup> mm 100 mm display: W 520.0 x H 176.0 <sup>+/-0.5</sup> mm
	Fixing	Screw-/clamp fixing
	Housing material	Aluminium, black, powder-coated
	Protection	Front IP65, Connection IP00
<b>Connection</b>	Terminal type	15-pole removable screw clamp for voltage supply and inputs and outputs for conductor diameter up to 2.5 mm <sup>2</sup>
<b>Weight</b>	57 mm display	approx. 3.0 kg
	100 mm display	approx. 5.0 kg
<b>Display</b>	Display	7-segment LED
	Digit height	57 mm, 100 mm
	Segment colour	red
	Number of digits	4 digits
	Area	Indoor
<b>Profibus</b>	Protocol	Profibus DP
	Baud rate	autobaud recognition up to 12 Mbaud
	Interfaces	RS485
	Cable length	max. 1000m
	Bus termination Termination	Pull-up/Pull-down regarding to EN50170 activatable via connection terminals
<b>Memory</b>	EEPROM	Data life > 20 years
<b>Power unit</b>	Power supply	100-240 VAC nominal voltage ±10%, 50/60 Hz 18-36 VDC, galv. isolated
	Power consumption	max. 30 VA
<b>Ambient conditions</b>	Working temperature	0...60°C
	Storing temperature	-20...80°C
	Climatic resistance	rel. humidity ≤ 75 % on year average without dew
<b>EMV</b>	EN 61326	
<b>CE-sign</b>	conformity to 2014/30/EU	
<b>Safety standard</b>	according to low voltage directive 2014/35/EU; EN61010; EN 60664-1	

- **Assembly picture for panel and built-on enclosure**



- **Dimensions**

**57 mm display**

Number of digits	Length L	Length LA	Height H	Height HA
4-digit with dimension	316 mm	310 mm	124 mm	118 mm
5-digit with dimension	364 mm	358 mm		
6-digit with dimension	412 mm	406 mm		
7-digit with dimension	460 mm	454 mm		

**100 mm display**

Number of digits	Length L	Length LA	Height H	Height HA
4-digit with dimension	526 mm	520 mm	176 mm	170 mm
5-digit with dimension	616 mm	610 mm		
6-digit with dimension	706 mm	700 mm		
7-digit with dimension	796 mm	790 mm		

