

# M2 – 6-digit digital panel meter in 96x48 mm (BxH) Profibus device

- red display of -199999 to 999999 Digits (optional green or orange display)
- triggering via Profibus DP
- autobaud detection up to 12 Mbit/s
- address is adjustable via keypad
- triggering as 16 bit int/uint or 32 bit int/uint
- brightness level can be triggered or adjustable via Bus
- flashing of the digits is adjustable via Bus
- placing the setpoint can be triggered or adjustable via Bus
- protection class IP65 at the front
- pluggable screw terminal



**ORDER NUMBER** **EUR**  
(without options)

• **Profibus DP**

Supply 230 VAC

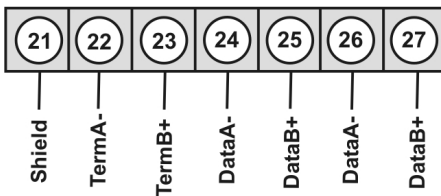
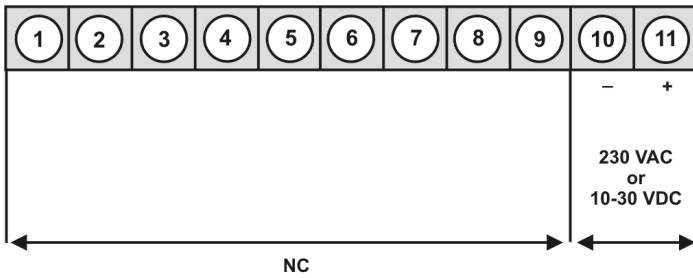
**M2-1BR6B.9000.570CD**

**540.10**

Supply 10-30 VDC

**M2-1BR6B.9000.670CD**

**561.30**



• **Order key options**

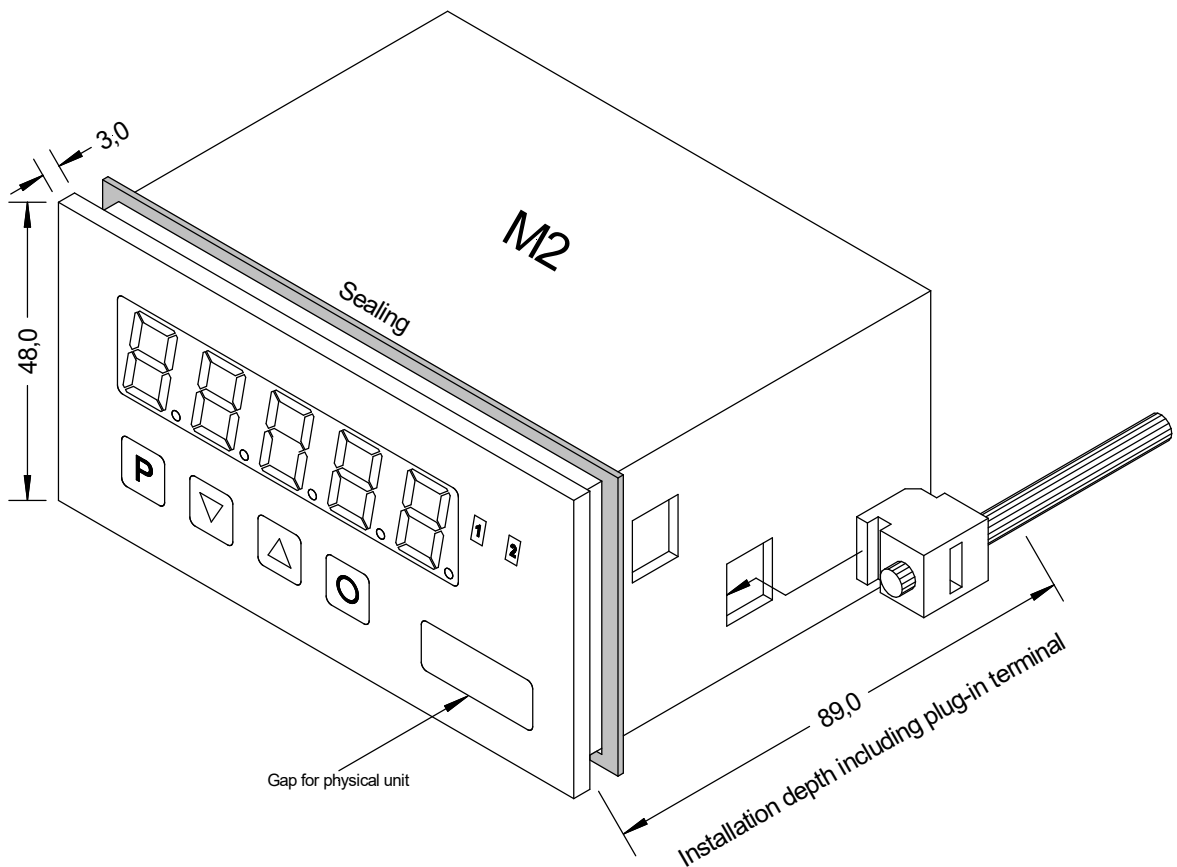
M	2-	1	B	R	6	B.	9	0	0	0.	5	7	0	x	D	EUR
M	2-	1	B	R	6	B.	9	0	0	0.	6	7	0	x	D	
											D	Dimension/physical unit, customer-specific settings				20.00
											4	115 VAC voltage supply				10.90
											G	Green				10.10
											Y	Orange				10.10

Please state physical unit in order, e.g. bar.

## • Technical data

<b>Dimensions</b>	Housing	B96 x H48 x D70 mm, (incl. plug-in terminal D= 89 mm)
	Panel cut-out	92.0 <sup>+0.8</sup> x 45.0 <sup>+0.6</sup> mm
	Fixing	screw elements for wall thicknesses up to 3 mm
	Housing material	PC Polycarbonate, black
	Sealing material	EPDM, 65 Shore, black
	Protection class	IP65 at the front side (Standard) IP00 at the back side
	Weight	approx. 350 g
<b>Connection</b>	Connection	plug-in terminal; wire cross-section up to 2.5 mm <sup>2</sup>
<b>Display</b>	Display	6-digit
	Digit height	14 mm
	Segment colour	red (Standard), optional available in green or orange
	Range of display	-199999 to 999999
<b>Measuring input</b>	Protocol	Profibus DP
	Baudrate	autobaud detection up to 12 Mbaud
	Interface	RS485
	Wire length	max. 1000m
	Bus termination	pull-up/-down according to EN 50170
	Termination	via plug-in terminal
<b>Power pack</b>	Supply	230 VAC +/- 10 % (max. 10 VA) 10-30 VDC, galvanic insulated (max. 4 VA)
<b>Memory</b>	EEPROM	Data life ≥ 100 years at 25°C
<b>Ambient conditions</b>	Working temperature	0 to +50°C
	Storing temperature	-20 to +80°C
	Weathering resistance	relative humidity 0-85% on years average without dew
<b>CE-sign</b>	Conformity according to directive 2014/30/EU	
<b>EMV</b>	EN 61326, EN 55011	
<b>Safety standard</b>	According to directive 2014/35/EU; EN 61010; EN 60664-1	

## Housing:



• Product key

	M	2-	1	B	R	6	B.	9	0	0	0.	6	7	0	C	D	
<b>Standard type M-Line</b>																	<b>Dimension</b>
																	<input type="checkbox"/> D Physical unit (free selectable)
<b>Installation depth</b> 89 mm (incl. plug-in terminal)																	<b>Version</b>
																	<input type="checkbox"/> C C
<b>Housing size</b> 96 x 48 x 70 mm (BxHxD)																	<b>Setpoints</b>
																	<input type="checkbox"/> 0 no setpoints
<b>Type of display</b> Binary																	<b>Protection class</b>
																	<input type="checkbox"/> 1 no keypad, via PM-TOOL
<b>Display colours</b> Green Red Orange																	<input type="checkbox"/> 7 IP65 / plug-in terminal
																	<b>Supply voltage</b>
																	<input type="checkbox"/> 4 115 VAC
																	<input type="checkbox"/> 5 230 VAC
																	<input type="checkbox"/> 6 10-30 VDC galv. isolated
<b>Number of digits</b> 6-digit																	<b>Measuring input</b>
																	<input type="checkbox"/> 0 without
<b>Digit height</b> 14 mm																	<b>Analog output</b>
																	<input type="checkbox"/> 0 without
<b>Digital input</b> Profibus																	<b>Sensor supply</b>
																	<input type="checkbox"/> 0 without