

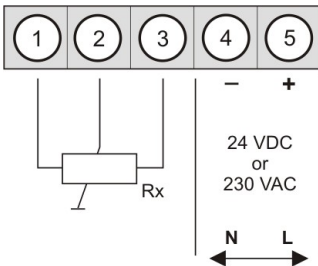
M1 – 4-digit digital panel meter in 96x48 mm (BxH) Potentiometer >1 kΩ ... <100 kΩ

- red display of -1999...9999 digits (optional green, orange or blue display)
- minimal installation depth: 25 mm without plug-in terminal
- adjustment via factory default or directly on the sensor signal
- min/max-value recording
- 10 adjustable support points
- display flashing at threshold exceedance / undershooting
- navigation keys for the recall of min/max-values or limit value corrections during operation
- tara-function
- programming interlock via access code
- protection class IP65 at the front
- plug-in terminal
- accessories: pc-based configuration-kit PM-TOOL with USB adapter
- on request: devices for working temperatures of -40°C...+70°C



ORDER NUMBER **EUR**
(without options)

• Potentiometer >1 kΩ ... <100 kΩ



Supply 230 VAC

M1-1VR4B.0005.570xD **156.70**

Supply 24 VDC

M1-1VR4B.0005.770xD **169.40**

• Product key options

M	1-	1	V	R	4	B.	0	0	0	5.	5	7	0	x	D	EUR
M	1-	1	V	R	4	B.	0	0	0	5.	7	7	0	x	D	
											D	Dimension/physical unit, customer-specific settings				20.00
											1	Without keypad, operation via PC software PM-TOOL				10.60
											X	Other voltage supplies on request!				
											B	Blue				35.00
											G	Green				10.10
											Y	Orange				10.10

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

• Parameterisation software

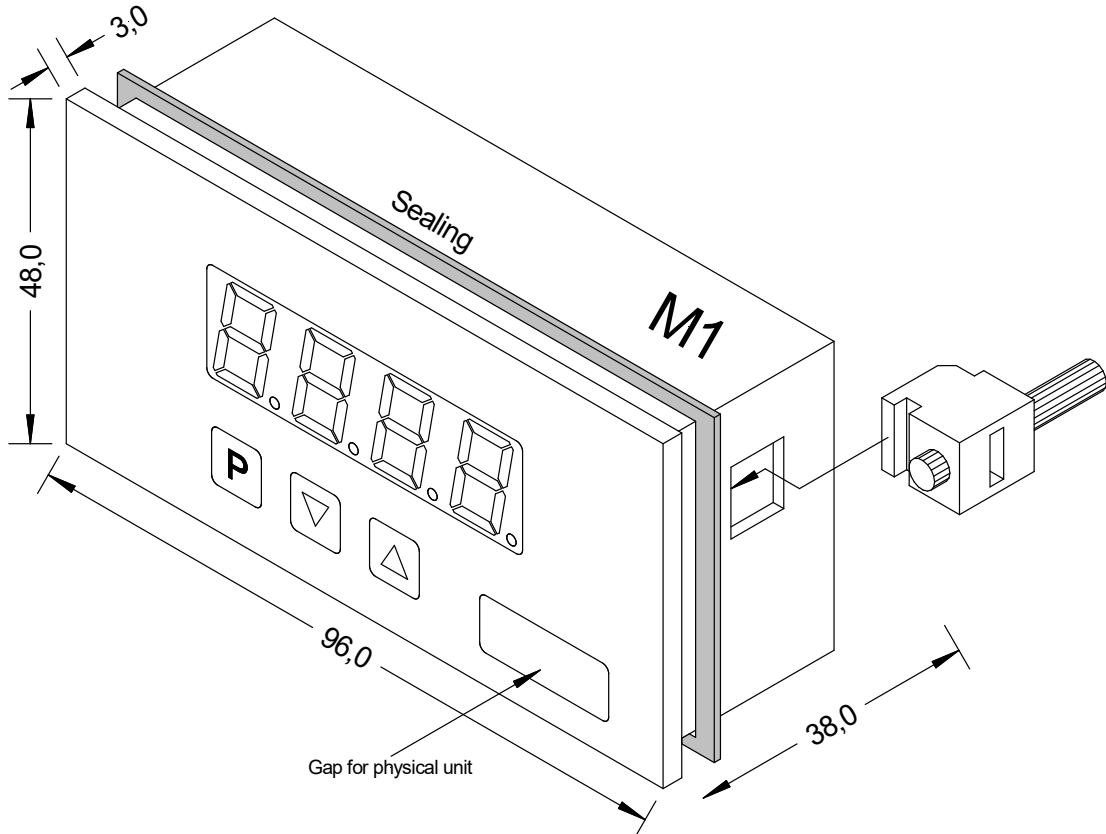
PC based configuration software PM-Tool for devices without keypad, for a simple adjustment of standard devices, incl. USB-adapter. Programming happens via an interface on the back.

PM-TOOL-MUSB4 **94.30**

• Technical data

Dimension	Housing Panel cut-out Fixing Housing material Sealing material Protection class Weight Connection	B96xH48xD25 mm (including plug-in terminal D= 38 mm) 92.0 ^{+0.8} x 45.0 ^{+0.6} mm screw elements for insulation thickness up to 3 mm PC Polycarbonate, black EPDM, 65 Shore, black at the front IP65 standard, back side IP00 approx. 100 g plug-in terminal; line cross-section up to 2.5 mm ²
Display	Display Digit height Segment colour Display range Setpoints Overflow Underflow Display time/ Measuring time	4-digit 14 mm red (standard), optional available in green, blue and orange -1999 to 9999 optical display flashing horizontal bars at the top horizontal bars at the bottom 0.1 to 10.0 seconds
Measuring input	Span Measuring range Measuring fault Temperature drift Measuring time Measuring principle Resolution	>1 kΩ ... <1000 kΩ 0...100 % 0.5% of measuring range, ± 1 digit 100 ppm/K 0.1 ... 10.0 seconds U/F-conversion approx. 18 bit at 1 sec measuring time
Power pack	Supply	230 VAC ±10% (max. 3 VA) 24 VDC ±10%, galvanic isolated (max. 1 VA)
Memory	EEPROM	Data life ≥ 100 years at 25°C
Ambient conditions	Working temperature Storing temperature Climatic density	0 to +60°C -20 to +80°C relative humidity 0-85% on years average without dew
CE-sign	Conformity to directive 2014/30/EU	
EMV	EN 61326, EN 55011	
Safety standard	According to low voltage directive 2014/35/EU, EN 61010; EN 60664-1	

Housing:



• Ordering code

	M	1-	1	V	R	4	B.	0	0	0	5.	7	7	0	x	D		
Basic type M-Line																		Dimension
																		<input type="checkbox"/> D physical unit
Installation depth																		Version
38 mm incl. plug-in terminal			<input type="checkbox"/> 1															<input type="checkbox"/> x internal version
Housing size																		Switching points
96 x 48 x 25 mm (BxHxD)			<input type="checkbox"/> 1															<input type="checkbox"/> 0 no switching points
Display type																		Protection class
Potentiometer				<input type="checkbox"/> V														<input type="checkbox"/> 1 without keypad, operation via PM-TOOL
Display colours																		<input type="checkbox"/> 7 IP65 / plug-in terminal
Blue					<input type="checkbox"/> B													Supply voltage
Green					<input type="checkbox"/> G													<input type="checkbox"/> 5 230 VAC
Red					<input type="checkbox"/> R													<input type="checkbox"/> 7 24 VDC galv. isolated
Yellow					<input type="checkbox"/> Y													Measuring input
Number of digits																		<input type="checkbox"/> 5 >1 kOhm ... >1000 kOhm
4-digit																		Analog output
Digit height																		<input type="checkbox"/> 0 without
14 mm					<input type="checkbox"/> B													Sensor supply
Digital input																		<input type="checkbox"/> 0 without
without																		