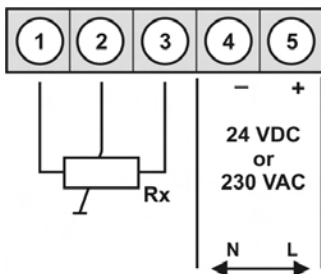


# M1 – 4 digit digital panel meter in 96x24 mm (BxH) Potentiometer >1 kΩ ... <1000 kΩ

- red display of -1999...9999 digits (optional green, orange or blue display)
- minimal installation depth: 57 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 CD & USB adapter
- on demand: devices for working temperatures of -25°C...60°C or -40°C...80°C



## • Potentiometer >1 kΩ ... <1000 kΩ



Supply 230 VAC

Supply 24 VDC

**ORDER NUMBER**  
(without options)

**EUR**

**M1-3VR4B.0005.570DD**

**M1-3VR4B.0005.770DD**

## • Order key options

M	1-	3	V	R	4	B.	0	0	0	5.	5	7	0	D	D
M	1-	3	V	R	4	B.	0	0	0	5.	7	7	0	D	D

**EUR**

1	without keypad, operation via PM-TOOL
X	Other voltage supplies on demand!
B	Blue
G	Green
Y	Orange

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. CD & USB-adapter. Programming is made via an interface on the back.

**PM-TOOL-MUSB4**

• **Technical data**

<b>Dimension</b>	Housing Panel cut-out Fixing Housing material Sealing material Protection class Weight Connection	B96 x H24 x D57 mm (including plug-in terminal, D= 74 mm) 92.0 <sup>+0.8</sup> x 22.2 <sup>+0.3</sup> 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. 50 g plug-in terminal; line cross-section up to 2.5 mm <sup>2</sup>
<b>Display</b>	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
<b>Measuring input</b>	Span Measuring range Measuring fault Temperature drift Measuring time Measuring principle Resolution	>1 kΩ ... <1000 kΩ 0...100 % 0.2% of measuring range, ± 1 Digit 100 ppm/K 0.1 ... 10.0 seconds U/F-conversion approx. 18 Bit at 1s measuring time
<b>Power pack</b>	Supply	230 VAC ± 10 % (max. 3 VA) 24 VDC ± 10 %, galvanic isolated (max. 1 VA)
<b>Memory</b>	EEPROM	Data life ≥ 100 years at 25°C
<b>Ambient conditions</b>	Working temperature Storing temperature Climatic density	0 to + 60 °C -20 to + 80 °C relative humidity 0-85% on years average without dew
<b>CE-sign</b>	Conformity to directive 200/108/EG	
<b>EMV</b>	EN 61326, EN 55011	
<b>Safety standard</b>	According to low voltage directive 2006/95/EG, EN 61010; EN 60664-1	

**Housing:**

