

M1 – 4-digit digital panel meter in 96x48 mm (BxH) Resistance 1 kΩ, 10 kΩ, 100 kΩ or 1000 kΩ

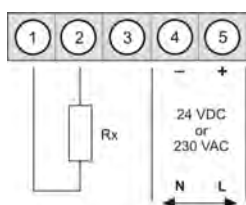
- red display of -1999...9999 digits (optional green, orange or blue display)
- minimal installation depth: 25 mm without plug-in terminal
- adjustment via factory default or directly on the sensor signal
- min-/max-value recording
- 10 adjustable support points
- display flashing at threshold exceedance / 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 CD & USB adapter
- on demand: devices for working temperatures of -25°C...60°C or -40°C...80°C



ORDER NUMBER
(without options)

EUR

• Resistance 1 kΩ, 10 kΩ, 100 kΩ or 1000 kΩ



Supply 230 VAC

Measuring range 1 kΩ

M1-1VR4B.0806.570CD

Supply 24 VDC

Measuring range 1 kΩ

M1-1VR4B.0806.770CD

Supply 230 VAC

Measuring range 10 kΩ

M1-1VR4B.0506.570CD

Supply 24 VDC

Measuring range 10 kΩ

M1-1VR4B.0506.770CD

Supply 230 VAC

Measuring range 100 kΩ

M1-1VR4B.0606.570CD

Supply 24 VDC

Measuring range 100 kΩ

M1-1VR4B.0606.770CD

Supply 230 VAC

Measuring range 1000 kΩ

M1-1VR4B.0706.570CD

Supply 24 VDC

Measuring range 1000 kΩ

M1-1VR4B.0706.770CD

• Product key options

M	1-	1	V	R	4	B.	0	X	0	6.	5	7	0	C	D
M	1-	1	V	R	4	B.	0	X	0	6.	7	7	0	C	D

EUR

1	Without keypad, operation on the back via interface
X	Other voltage supplies on demand!
B	Blue
G	Green
Y	Orange

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

• 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

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	0...1,1 kΩ, 0...11 kΩ, 0...110 kΩ, 0...1100 kΩ 0...1 kΩ, 0...10 kΩ, 0...100 kΩ, 0...1000 kΩ 0.5% of measuring range, ± 1 Digit 100 ppm/K 0.1 ... 10.0 seconds U/F-conversion approx. 18 Bit at 1s measuring time
Power pack	Supply	230 VAC +/- 10 % (max. 3 VA) 24 VDC +/- 10 %, galvanic insulated (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 2004/108/EG	
EMV	EN 61326, EN 55011	
Safety standard	According to low voltage directive 2006/95/EG, EN 61010; EN 60664-1	

Housing:

