

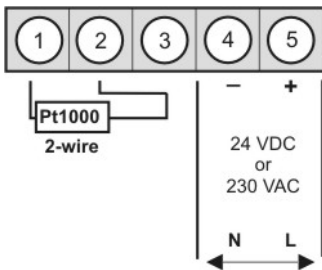
# M1 – 4-digit digital panel meter in 96x48 mm (BxH) Pt1000 2-wire -200°C...850°C / -328°F...1562°F

- 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
- displayed in °C or °F
- display flashing at threshold exceedance / undershooting
- navigation keys for the recall of min/max-values or limit value corrections during operation
- impedance matching
- 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)

## • Pt1000 2-wire -200°C...850°C / -328°F...1562°F



Supply 230 VAC

**M1-1TR4B.060C.570xD                      162.00**

Supply 24 VDC

**M1-1TR4B.060C.770xD                      174.70**

## • Product key options

M	1-	1	T	R	4	B.	0	6	0	C.	5	7	0	x	D	EUR
M	1-	1	T	R	4	B.	0	6	0	C.	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. °F.

## • 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-MUSB6                      94.30**

## • Technical data

<b>Dimension</b>	Housing Panel cut-out Fixing Housing material Sealing material Protection class Weight Connection	B96xH48xD25 mm (including plug-in terminal D= 38 mm) 92.0 <sup>+0.8</sup> x 45.0 <sup>+0.6</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. 100 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 fault Temperature drift Measuring principle Resolution	-200°C...850°C / -328°F...1562°F 0.2% of measuring range, ± 1 digit 100 ppm/K U/F-conversion approx. 0.1°C or 0.1°F
<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 2014/30/EU	
<b>EMV</b>	EN 61326, EN 55011	
<b>Safety standard</b>	According to low voltage directive 2014/35/EU, EN 61010; EN 60664-1	

### Housing:

