

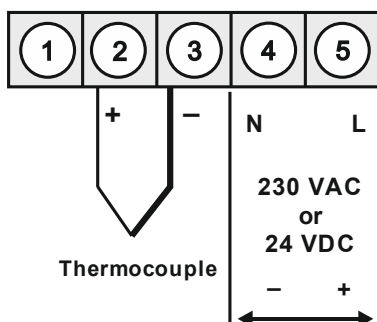
IM1 – 4-digit digital panel meters in 72x36 mm (BxH) Thermocouple type L, J, K, B, S, N, E, T, R

- red display with -1999...9999 digits (optional green, orange or blue displays)
- minimal installation depth: 100 mm with 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 undercut/ exceedance
- navigation keys for the recall of the min/max-values or for threshold value corrections during operation
- impedance matching
- programming interlock via access code
- protection class IP65 at the front
- plug-in terminal
- optional: 2 relay outputs
- accessories: pc-based configuration-kit PM-TOOL with CD & USB adapter
- on request: devices for working temperatures of -40°C...+70°C



ORDER NUMBER **EUR**
(without options)

• Thermocouple type L, J, K, B, S, N, E, T, R



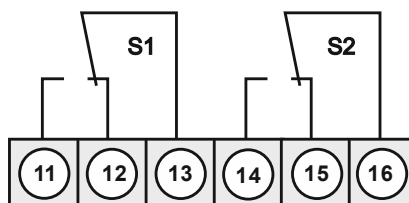
Supply 230 VAC

IM1-6TR4B.040X.570xD **206.50**

Supply 24 VDC

IM1-6TR4B.040X.770xD **217.10**

Option:



• Product key options

IM	1-6	T	R	4	B.	0	4	0	X.	5	7	0	x	D	EUR
IM	1-6	T	R	4	B.	0	4	0	X.	7	7	0	x	D	
										2					31.80
										1					10.60
										X					
										B					35.00
										G					10.10
										Y					10.10

State physical unit by order, e.g. m/min!

• Parameterisation software

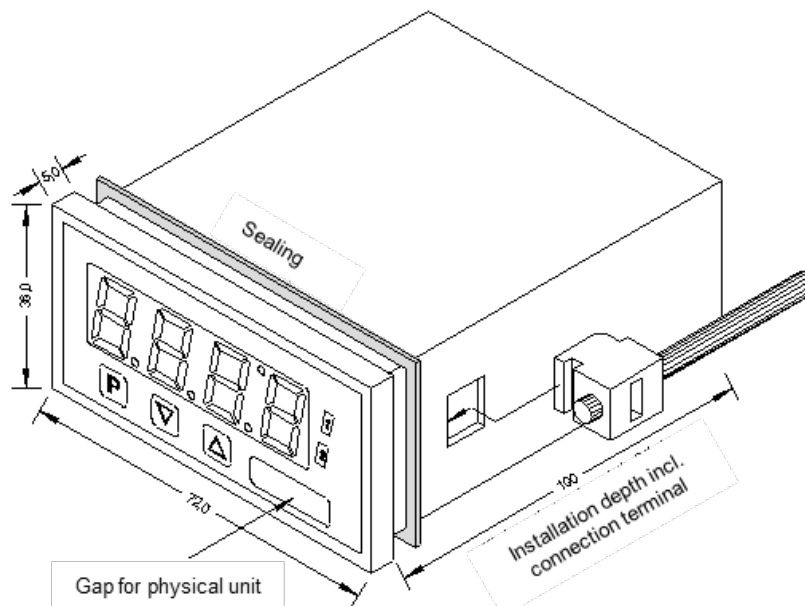
PC based configuration software PM-Tool for devices without keypad, for a simple adjustment of standard devices, incl. CD & USB-adapter. Programming happens via an interface on the back.

PM-TOOL-MUSB4 **94.30**

• Technical data

Dimensions	Housing	B72 x H36 x D71 mm, (incl. plug-in terminal D = 100 mm)	
	Panel cut-out	68.0 ^{+0.7} x 32.0 ^{+0.6} mm	
	Fixing	screw elements for wall thickness up to 3 mm	
	Housing material	PC Polycarbonate, black	
	Sealing material	EPDM, 65 Shore, black	
	Protection class	at the front IP65 standard, at the back IP00	
	Weight	approx. 200 g	
Display	Connection	plug-in terminal; wire cross section up to 2.5 mm ²	
	Display	4-digit	
	Digit height	14 mm	
	Segment colour	red (Standard), optional available in green, blue and orange	
	Range of display	-1999 to 9999	
	Threshold values	optical display flashing	
	Overflow	horizontal bars at the top	
Measuring input	Underflow	horizontal bars at the bottom	
	Display time/Meas. time	0.1 to 10.0 seconds	
	Measuring range	Type L	-200...900°C
		Type J	-210...1200°C
		Type K	-270...1372°C
		Type B	80...1820°C
		Type S	-50...1768°C
Type N		-270...1300°C	
Type E		-270...1000°C	
Type T		-270...400°C	
Type R		-50...1768°C	
Measuring error		2 K, ± 1 Digit	
Temperature drift	100 ppm/K		
Measuring time	0.1 ... 10.0 seconds		
Measuring principle	U/F-conversion		
Resolution	0.1°C		
Characteristic line error	<±1 kΩ		
Reference junction	Thermistor		
Output	Relay	with change-over contact 250 V / 5 AAC, 30 V / 5 VDC	
	Switching cycles	30 * 10 ³ with 5 AAC, 5 ADC ohm resistive load 10 * 10 ⁶ mechanically Diversity according to DIN EN50178 / Characteristics according to DIN EN60255	
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	0 to +60°C	
	Storing temperature	-20 to +80°C	
	Climatic density	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:



• Product key

