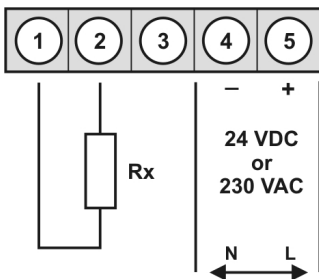


## IM1 – 4 digit digital panel meter in 96x24 mm (BxH) Resistance 1 kΩ, 10 kΩ, 100 kΩ or 1000 kΩ

- red display of -1999...9999 digits (optional green, orange or blue display)
- minimal installation depth: 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 request: devices for working temperatures of -40°C...+70°C



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



Supply 230 VAC	<b>Measuring range 1 kΩ</b>
Supply 24 VDC	<b>Measuring range 1 kΩ</b>
Supply 230 VAC	<b>Measuring range 10 kΩ</b>
Supply 24 VDC	<b>Measuring range 10 kΩ</b>
Supply 230 VAC	<b>Measuring range 100 kΩ</b>
Supply 24 VDC	<b>Measuring range 100 kΩ</b>
Supply 230 VAC	<b>Measuring range 1000 kΩ</b>
Supply 24 VDC	<b>Measuring range 1000 kΩ</b>

**ORDER NUMBER**                      **EUR**  
(without options)

<b>IM1-3VR4B.0806.570xD</b>	<b>185.30</b>
<b>IM1-3VR4B.0806.770xD</b>	<b>195.90</b>
<b>IM1-3VR4B.0506.570xD</b>	<b>185.30</b>
<b>IM1-3VR4B.0506.770xD</b>	<b>195.90</b>
<b>IM1-3VR4B.0606.570xD</b>	<b>185.30</b>
<b>IM1-3VR4B.0606.770xD</b>	<b>195.90</b>
<b>IM1-3VR4B.0706.570xD</b>	<b>185.30</b>
<b>IM1-3VR4B.0706.770xD</b>	<b>195.90</b>

### • Order key options

IM	1	3	V	R	4	B.	0	0	0	6.	5	7	0	x	D	EUR
IM	1	3	V	R	4	B.	0	0	0	6.	7	7	0	x	D	
											1					10.60
											X					
											B					35.00
											G					10.10
											Y					10.10

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 happens via an interface on the back.

**PM-TOOL-MUSB4**                      **94.30**

## • Technical data

<b>Dimension</b>	Housing	B96 x H24 x D57 mm (including plug-in terminal, D= 74 mm)
	Panel cut-out	92.0 <sup>+0.8</sup> x 22.2 <sup>+0.3</sup> mm
	Fixing	screw elements for insulation thickness up to 3 mm
	Housing material	PC Polycarbonate, black
	Sealing material	EPDM, 65 Shore, black
	Protection class	at the front IP65 standard, back side IP00
	Weight	approx. 50 g
<b>Display</b>	Connection	plug-in terminal; line cross-section up to 2.5 mm <sup>2</sup>
	Display	4-digit
	Digit height	14 mm
	Segment colour	red (standard), optional available in green, blue and orange
	Display range	-1999 to 9999
	Setpoints	optical display flashing
	Overflow	horizontal bars at the top
<b>Measuring input</b>	Underflow	horizontal bars at the bottom
	Display time/ Measuring time	0.1 to 10.0 seconds
	Span	0...1.1 kΩ, 0...11 kΩ, 0...110 kΩ, 0...1100 kΩ
	Measuring range	0...1 kΩ, 0...10 kΩ, 0...100 kΩ, 0...1000 kΩ
	Measuring fault	0.5% of measuring range, ± 1 digit
	Temperature drift	100 ppm/K
	Measuring time	0.1 ... 10.0 seconds
<b>Power pack</b>	Measuring principle	U/F-conversion
	Resolution	approx. 18 bit at 1 sec measuring time
	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	0 to +60°C
	Storing temperature	-20 to +80°C
	Climatic density	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:

