

M2 – 5-digit panel meter in 96x48 mm (BxH) setpoint generator

- red display of -19999...99999 digits (optional green, orange, or blue display)
- minimal installation depth: 70 mm without plug-in terminal
- definable setting for the setpoint
- configurable output area between 0...10 V or 0...20 mA
- adjustable increment per press
- display flashing at threshold exceedance / undercut
- digital inputs for key switch or external adjustment buttons
- zero button for quick retrieval of a default value
- configurable as a code for the setpoint adjustment protection
- different operation variants for the control set point
- optional startup behaviour with last setting or default value
- optional speed settings for adjusting the setpoint
- quick response when changing the default value (ramp function)
- 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 demand: devices for working temperatures of -25°C...60°C or -40°C...80°C

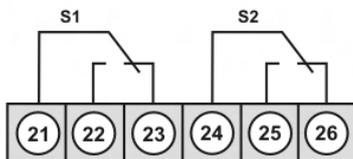
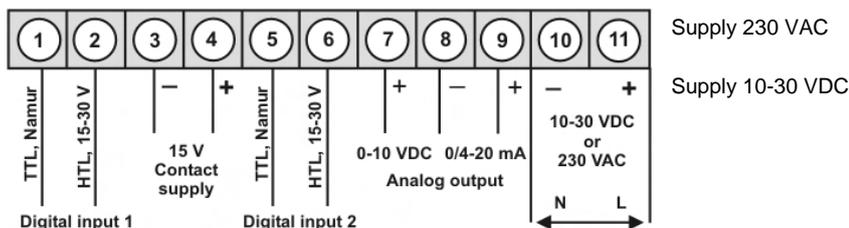


ORDER NUMBER EUR
(without options)

M2-1GR5B.00X0.570CD

M2-1GR5B.00X0.670CD

• Setpoint device



Relay option

• Product key options

M	2-	1	G	R	5	B.	0	0	X	0.	5	7	0	C	D
M	2-	1	G	R	5	B.	0	0	X	0.	6	7	0	C	D

EUR

2	2 relay outputs
1	Without keypad, operation on the back
4	Voltage supply 115 VAC
B	Blue
G	Green
Y	Orange

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

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• 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**

Dimensions	Housing	B96 x H48 x D70 mm, (with plug-in terminal D= 89 mm)	
	Panel cut-out	92.0 ^{+0.8} x 45.0 ^{+0.6} mm	
	Fixing	screw elements for wall thicknesses up to 3 mm	
	Housing material	PC Polycarbonate, black	
	Sealing material	EPDM, 65 Shore, black	
	Protection class	IP065 at the front (Standard) IP00 at the back side	
	Weight	approx. 250 g	
	Connection	plug-in terminal; wire-cross section up to 2.5 mm ²	
	Display	Display	5-digit
		Digit height	14 mm
Segment colour		red (Standard), optional available in green, orange or blue	
Range of display		-19999 to 99999	
Limit values		optical display flashing	
Overflow		horizontal bars at the top	
Underflow		horizontal bars at the bottom	
Display time	0.1 to 10.0 seconds		
Digital input	2 digital inputs (galv. insulated)	HTL: < 2,4 OFF; >10 V ON; max. 30 VDC TTL-Level: > 4.6 V / < 1.9 V, Namur	
	Input resistance	Ri at ~5 kΩ	
Output	Relay	with change-over contact 250 V / 5 AAC, 30 V / 5 ADC	
	Switching cycle	30 * 10 ³ at 5 AAC, A ADC ohm resistive burden 10 * 10 ⁶ mechanically Separation in accordance with DIN EN 50178 / Specifications in accordance with DIN EN 60255	
	Analog output	0-10 VDC/ burden ≥ 10 kΩ, 0/4-20 mA burden ≤ 500 Ω, 16 Bit	
	Contact supply	15 VDC / 10 mA	
Power pack	Supply	230 VAC 50/60 Hz ±10 % (max. 10 VA) 10-30 VDC, galvanic isolated (max. 4 VA)	
Memory	EEPROM	Data retention ≥ 100 years at 25°C	
Ambient conditions	Working temperature	0 to + 50 °C	
	Storing temperature	-20 to + 80 °C	
	Climatic density	relative humidity 0-85% on years average without dew	
CE-sign	Conformity in accordance with 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:

