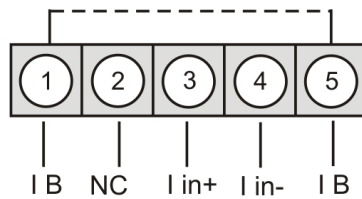


M1– 4-digit digital panel meter in 96x24 mm (BxH) Current loop 4-20 mA

- red display of -1999...9999 digits
- minimal installation depth: 40 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
- tara-function
- programming interlock via access code
- protection class IP65 at the front
- plug-in screw terminal
- optional: two PhotoMos switching outputs
- accessories: pc-based configuration-kit PM-TOOL with USB adapter
- on request: devices for working temperatures of -25°C...60°C or of -40°C...80°C

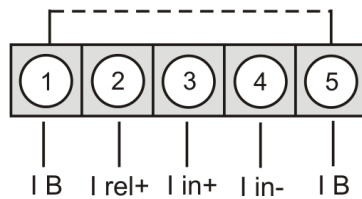
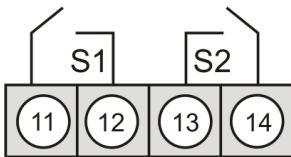


• Current loop device, direct current 4-20 mA



ORDER NUMBER **EUR**
(without options)

M1-3SR4B.0001.K70xD **143.00**



M1-3SR4B.0001.K72xD **164.20**

• Product key options

M	1-	3	S	R	4	B.	0	0	0	1.	K	7	0	x	D
M	1-	3	S	R	4	B.	0	0	0	1.	K	7	2	x	D

EUR

D	Dimension/physical unit, customer-specific settings	20.00
1	Without keypad, operation on the back	10.60

Please state physical unit on demand, e.g. °C.

• 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-MUSB4 **94.30**

• Technical data

Dimensions	Housing	B96 x H24 x D 40 mm, (incl. plug-in terminal D= 63 mm)
	Panel cut-out	92.0 ^{+0.8} x 22.2 ^{+0.3} mm
	Fixing	screw elements for insulation thickness up to 3 mm
	Housing material	PC Polycarbonate, black
	Sealing material	EPDM, 65 Shore, black
	Protection class	front IP65 standard, rear side IP00
	Weight	approx. 100 g
Connection	plug-in terminal; line cross section up to 2.5 mm ²	
Display	Digit height	14 mm
	Segment colour	red
	Display range	-1999 to 9999
	Setpoints	optical display flashing
	Overflow	horizontal bars at the top
	Underflow	horizontal bars at the bottom
	Display time	0.1 to 10.0 seconds
Measuring input	Input	min. 3.5...max. 21 mA
	Measuring range	4-20 mA
	Measuring fault	0.3% of measuring range, ± 1 digit
		Measuring fault at measuring time = 1 second
	Fail of voltage	approx. 5.1 V without switching outputs
		approx. 8.0 V with switching outputs
	Temperature drift	100 ppm/K
	Measuring time	0.1...10.0 seconds
	Measuring principle	successive approximation
	Resolution	12 bit-converter
	14 bit (noiseless by oversampling at 1 s measuring time)	
Output	Setpoints	potentialfree PhotoMOS-outputs
		max. switching voltage 30 VDC/AC
		max. steady current 0,4 A
		Electric strength AC: 400 V permanent, 1800 V for 1 minute
Memory	Flash-memory (independent of supply)	
	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 0-80% 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:

