



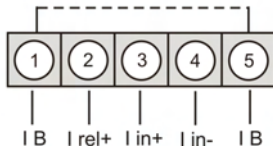
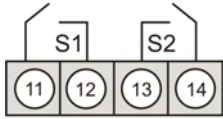
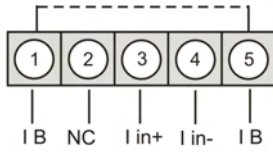
Digital panel meter 4-digit

M1 current loop

- red display of -1999...9999 digits
- minimal installation depth: 25 mm without plug-in terminal
- min-/max-value recording
- 10 adjustable setpoints
- display flashing at threshold exceedance / undershooting
- tara- / offset value calibration
- zero point tranquilization
- programming interlock via access code
- protection class IP65 at the front
- plug-in terminal
- accessories: PC-based configuration-software PM-TOOL

Digital panel meter

- current loop device, direct current



ORDER NUMBER
(without options)

EUR

M1-6SR4B.0001.K70AD 145,00

M1-6SR4B.0001.K72AD 165,00

Product key options:

M	1-	6	S	R	4	B.	0	0	0	1.	K	7	0	A	D
M	1-	6	S	R	4	B.	0	0	0	1.	K	7	2	A	D

EUR

1	Without keypad, operation on the back	on demand
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• Accessories

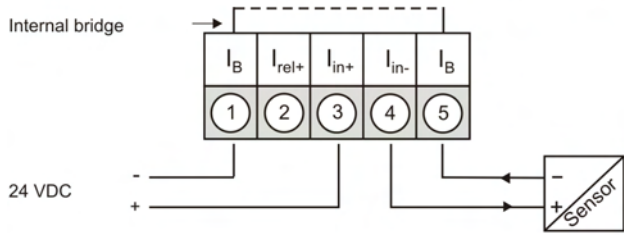
Parametrising software
Incl. USB-cable and device adapter
The programming is made via an interface on the back

PM-TOOL-MUSB6

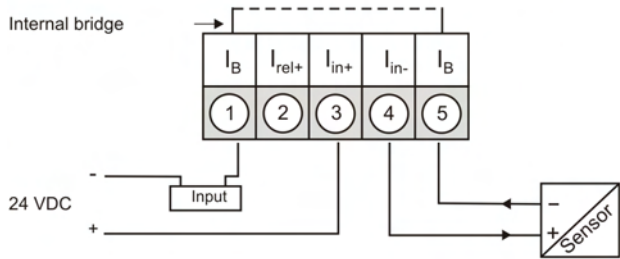
89,00

Connection pictures

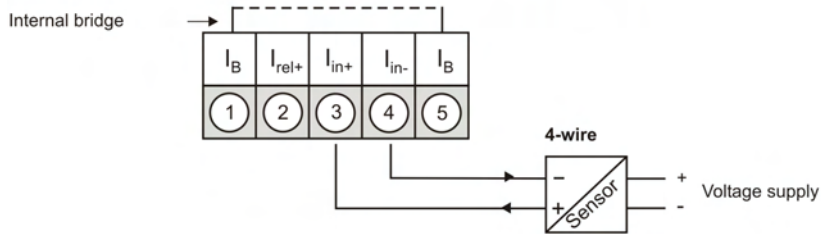
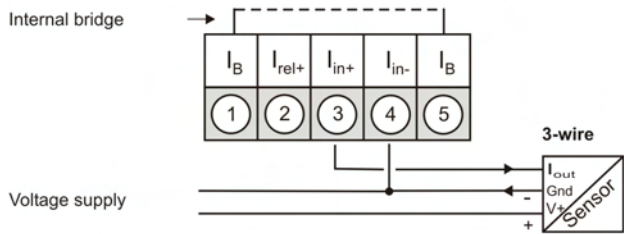
Current loop device in combination with a transmitter in current loop technique:



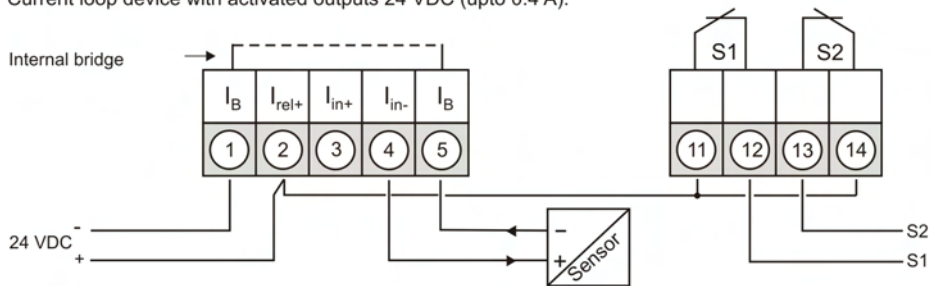
Current loop device in combination with another measuring input with low burden:



Current loop device in combination with a 3-/4-wire sensor:



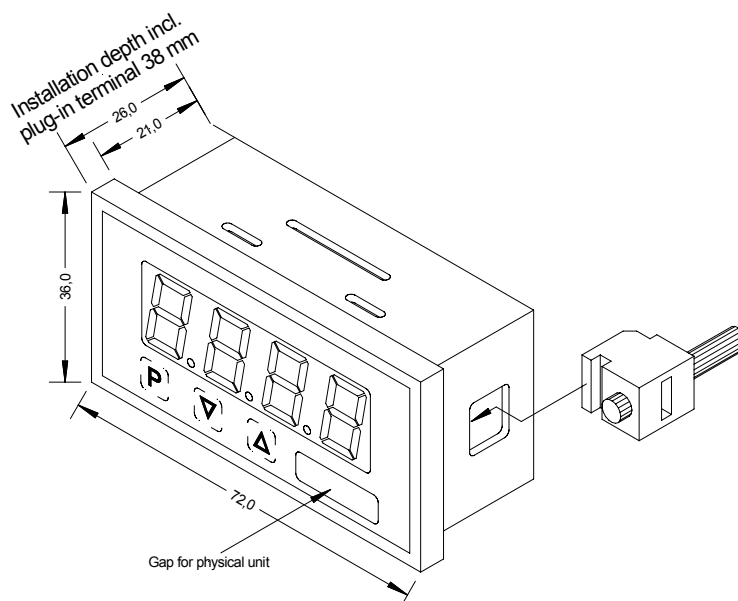
Current loop device with activated outputs 24 VDC (upto 0.4 A):



Technical data

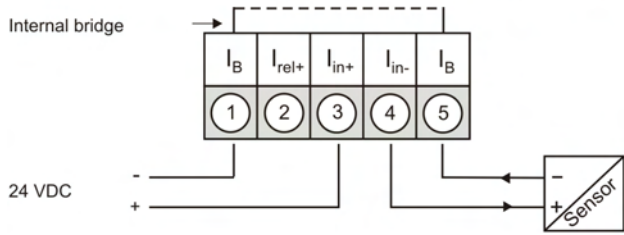
Dimensions	Housing	B72 x H36 x D 25 mm, (incl. plug-in terminal D= 37 mm)
	Panel cut-out	68.0 ^{+0.7} x 33.0 ^{+0.6} mm
	Fixing	screw elements for insulation thickness up to 3 mm
	Housing material	PC Polycarbonate, black
	Sealing material	EPDM, 65 Shore, black
	Protection class	front IP65 standard rear side IP00
	Weight	approx. 50 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
	Fail of voltage	approx. 5.1 V without switching outputs approx. 8.0 V with switching outputs
		Measuring range / measuring fault at measuring time = 1 second
	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
Memory		Flash-memory (independent of supply) Data life ≥ 100 years
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 200/108/EG	
EMV	EN 61326	
Safety standard	EN 61010	

Housing:

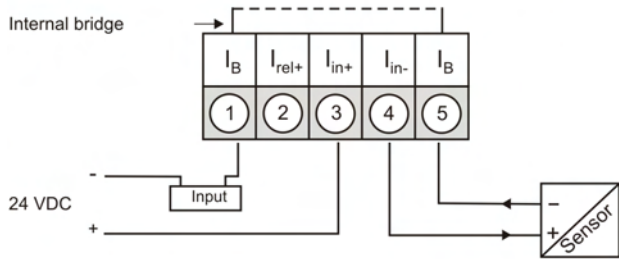


Connection pictures

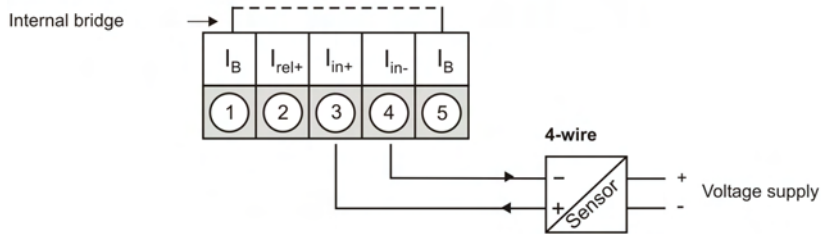
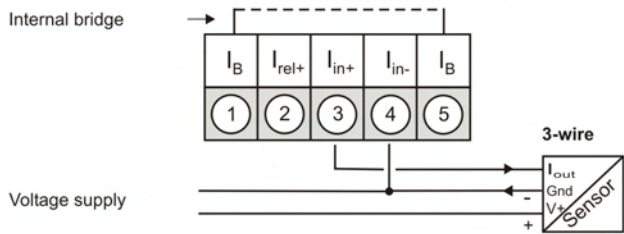
Current loop device in combination with a transmitter in current loop technique:



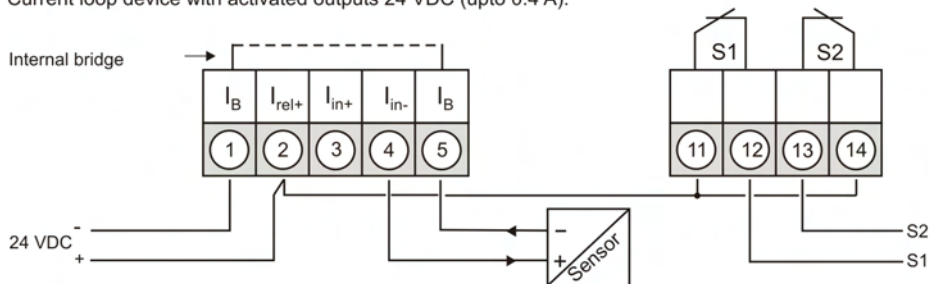
Current loop device in combination with another measuring input with low burden:



Current loop device in combination with a 3-/4-wire sensor:



Current loop device with activated outputs 24 VDC (upto 0.4 A):



Ordering code

	M	1-	6	S	R	4	B.	0	0	0	1.	K	7	0	A	D	
Basic type M-Line																	Dimension
																	<input type="checkbox"/> D physical unit (free choice)
Installation depth 37 mm, incl. plug-in terminal																	Version
																	<input type="checkbox"/> A A
Housing size 72 x 36 x 25 mm without plug-in terminal																	Setpoints
																	<input type="checkbox"/> 0 without
																	<input type="checkbox"/> 2 PhotoMOS-outputs
Display type Current loop																	Protection
																	<input type="checkbox"/> 1 without keypad, operation on the back
Display colour Red																	<input type="checkbox"/> 7 IP65 / plug-in terminal
Number of digits 4-digit																	Supply voltage
																	<input type="checkbox"/> K via current
Digit height 14 mm																	Measuring input
																	<input type="checkbox"/> 1 Direct current 4-20 mA
Interface without																	Analog output
																	<input type="checkbox"/> 0 without
																	Sensor supply
																	<input type="checkbox"/> 0 without