

IM2 – 6-digit digital panel meter in 96x48 mm (BxH) Profibus device

- red display of -199999 to 999999 Digits (optional green or orange display)
- triggering via Profibus DP
- autobaud detection up to 12 Mbit/s
- address is adjustable via keypad
- triggering as 16 bit int/uint or 32 bit int/uint
- brightness level can be triggered or adjustable via Bus
- flashing of the digits is adjustable via Bus
- placing the setpoint can be triggered or adjustable via Bus
- protection class IP65 at the front
- pluggable screw terminal



• Profibus DP

Supply 230 VAC

ORDER NUMBER
(without options)

EUR

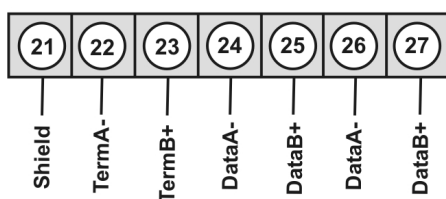
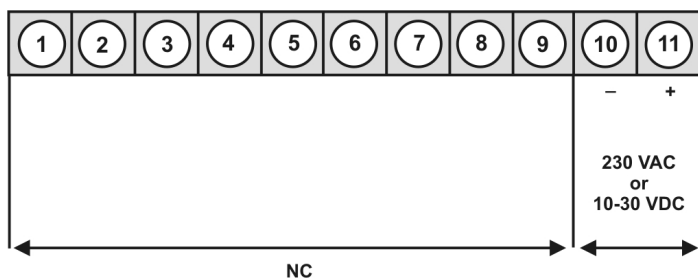
IM2-1BR6B.9000.570CD

540.10

Supply 10-30 VDC

IM2-1BR6B.9000.670CD

561.30



• Order key options

IM	2-	1	B	R	6	B.	9	0	0.	0.	5	7	0	C	D
IM	2-	1	B	R	6	B.	9	0	0.	0.	6	7	0	C	D

EUR

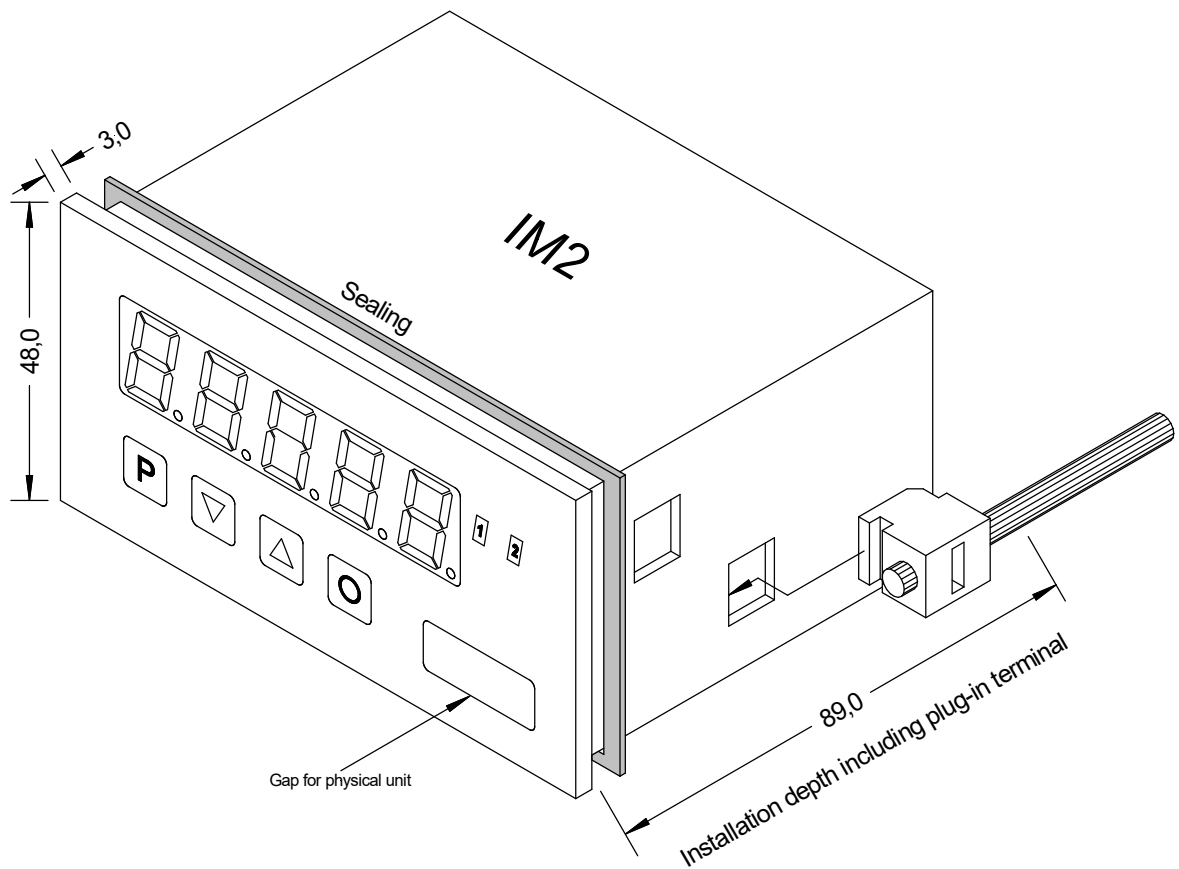
4	115 VAC voltage supply	10.90
G	Green	10.10
Y	Orange	10.10

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

• Technical data

Dimensions	Housing	B96 x H48 x D70 mm, (incl. 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	IP65 at the front side (Standard) IP00 at the back side
	Weight	approx. 350 g
Display	Connection	plug-in terminal; wire cross-section up to 2.5 mm ²
	Display	6-digit
	Digit height	14 mm
Measuring input	Segment colour	red (Standard), optional available in green or orange
	Range of display	-199999 to 999999
	Protocol	Profibus DP
	Baudrate	autobaud detection up to 12 MBaud
	Interface	RS485
Power pack	Wire length	max. 1000m
	Bus termination	pull-up/-down according to EN 50170
	Termination	via plug-in terminal
	Supply	230 VAC +/- 10 % (max. 10 VA) 10-30 VDC, galvanic insulated (max. 4 VA)
Memory	EEPROM	Data life ≥ 100 years at 25°C
Ambient conditions	Working temperature	0 to +50°C
	Storing temperature	-20 to +80°C
	Weathering resistance	relative humidity 0-85% on years average without dew
CE-sign	Conformity according to directive 2014/30/EU	
EMV	EN 61326, EN 55011	
Safety standard	According to directive 2014/35/EU; EN 61010; EN 60664-1	

Housing:



• Product key

	IM	2-	1	B	R	6	B.	9	0	0	0.	6	7	0	C	D	
Standard type M-Line																	Dimension
																	<input type="checkbox"/> D Physical unit (free selectable)
Installation depth 89 mm (incl. plug-in terminal)																	Version
																	<input type="checkbox"/> C C
Housing size 96 x 48 x 70 mm (BxHxD)																	Setpoints
																	<input type="checkbox"/> 0 no setpoints
Type of display Binary																	Protection class
																	<input type="checkbox"/> 1 no keypad, via PM-TOOL
Display colours Green Red Orange																	<input type="checkbox"/> 7 IP65 / plug-in terminal
																	Supply voltage
																	<input type="checkbox"/> 4 115 VAC
																	<input type="checkbox"/> 5 230 VAC
																	<input type="checkbox"/> 6 10-30 VDC galv. isolated
Number of digits 6-digit																	Measuring input
																	<input type="checkbox"/> 0 without
Digit height 14 mm																	Analog output
																	<input type="checkbox"/> 0 without
Digital input Profibus																	Sensor supply
																	<input type="checkbox"/> 0 without