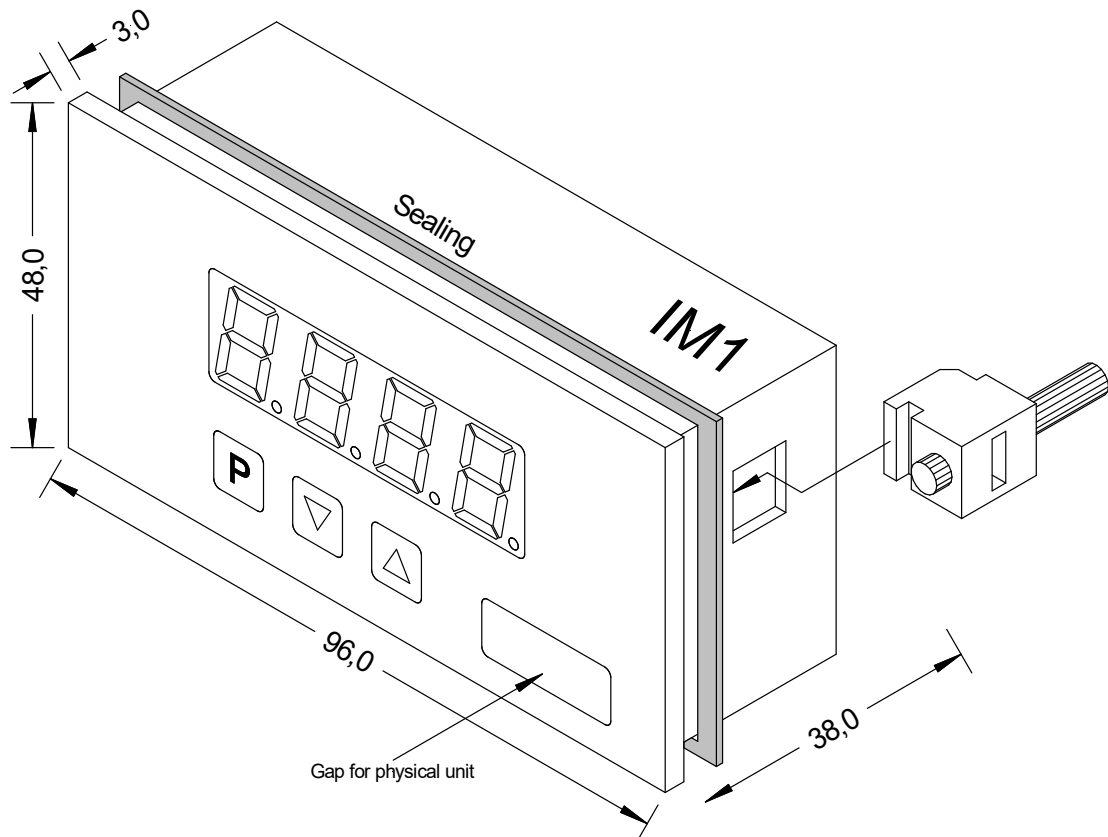


• Technical data

Dimension	Housing	B96xH48xD25 mm (including plug-in terminal D= 38 mm)	
	Panel cut-out	92.0 ^{+0.8} x 45.0 ^{+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	at the front IP65 standard, back side IP00	
	Weight	approx. 100 g	
Display	Connection	plug-in terminal; line cross-section up to 2.5 mm ²	
	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	
Underflow	horizontal bars at the bottom		
Measuring input	Display time/ Measuring time	0.1 to 10.0 seconds	
	Span	-12...12 V	/ -22...24 mA
	Measuring range	0-10 V	/ 0/4-20 mA
	Input resistance	R _i at ~200 kΩ	/ R _i at ~100 Ω
	Measuring fault	0.1% of measuring range, ± 1 digit / 0.1% of measuring range, ± 1 digit	
	Temperature drift	100 ppm/K	
	Measuring time	0.1 ... 10.0 seconds	
Power pack	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)	
Memory	EEPROM	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 0-85% 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:



• Ordering code

	IM	1-	1	V	R	4	B.	0	0	0	1.	7	7	0	x	D	
Basic type M-Line																	<input type="checkbox"/> S100 Messeingang 100 VDC <input type="checkbox"/> S260 Messeingang 50 VDC
Installation depth 38 mm incl. plug-in terminal																	Dimension <input type="checkbox"/> D physical unit (free selectable)
Housing size 96 x 48 x 25 mm (BxHxD)																	Version <input type="checkbox"/> x internal version
Display type V, A																	Setpoints <input type="checkbox"/> 0 no setpoints
Display colours Blue Green Red Orange																	Protection class <input type="checkbox"/> 1 without keypad, operation via PM-TOOL <input type="checkbox"/> 7 IP65 / plug-in terminal
Number of digits 4-digit																	Supply voltage <input type="checkbox"/> 5 230 VAC <input type="checkbox"/> 7 24 VDC galv. isolated
Digit height 14 mm																	Measuring input <input type="checkbox"/> 1 Direct current, direct voltage
Digital input without																	Analog output <input type="checkbox"/> 0 without
																	Sensor supply <input type="checkbox"/> 0 without