

IPC4 – 4-digit counter in 72x24 mm (BxH)

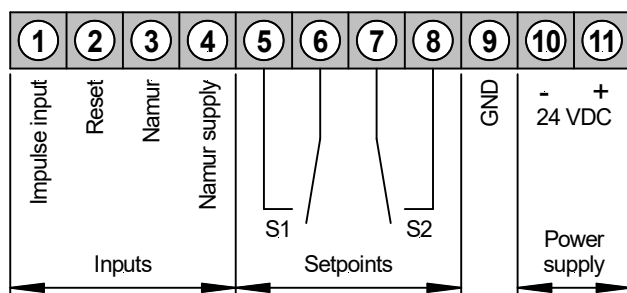
- red display from 0...9999 digit (optional green)
- pulse counter with display factor and reset
- timer with start/stop- or reset function
- timer steps from 10 ms to 9999 s adjustable
- counter value storing during power failure and malfunction
- adjustable forward-/backward counting with initial value
- adjustable shoulder compilation
- adjustable pulse attenuation to 30 Hz, normally 10 kHz
- input for Namur sensors and 3-wire sensors
- switching contact for adjustable threshold values or pulse divisor
- protection class IP54 standard
- digit height 14 mm



ORDER TYPE
(without options)

EUR

• Impulse counter



Power supply 24 VDC
(galvanic isolated)

IPC 4.0003.5752B on request

• Order key options

IP	C	4.	0	0	0	3.	5	7	5	2	B				EUR
												G	Green LED on demand		
												7	Protection class IP65		10.90

• Technical data

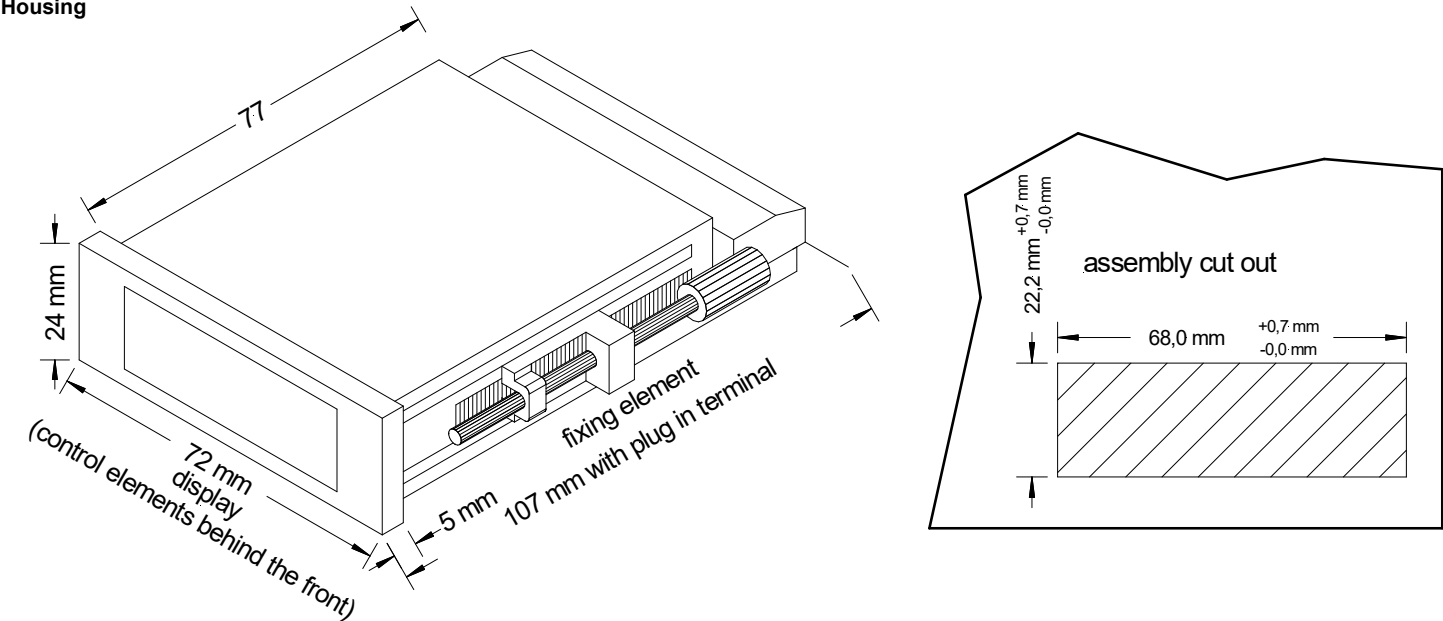
Housing	Dimension	72 x 24 x 107 mm (WxHxD) including plug-in terminal
	Assembly cut out	68.0 ^{+0.7} x 22.0 ^{+0.6} mm
	Fastening	special quick plastic clasp
	Wall thickness	0-50 mm
	Housing material	PC/ABS-plastic blend, colour black, UL94V-0
	Protection	standard IP54, (front), IP00 (rear side)
	Weight	approx. 120 g
Indication	Connection	screw terminal / plug-in terminal; uni diameter joint up to 1.5 mm ²
	Character height	14 mm
	Segment colour	red
Input	Display	4-digit
	Impulse instalment	10000 impulses/s max. 30 pulses/s with active damping
	Input resistance	approx. 5 kΩ
	Input voltage	±5...24 V
Output	HIGH- / LOW level	≥6 V / <4 V
	Setpoints	30 VAC/0.4 A – 30 VDC/0.4 A
Power unit	Photo Mos	Input – output voltage / disruptive discharge 100 VAC
	Power supply	24 VDC / ±10 %
Memory	Power consumption	max. 5 VA
	EEPROM	Data conservation >30 years
Ambient conditions	Working temperature	0 up to +60°C
	Storing temperature	-20 up to +80°C
	Climatic conditions	rel. humidity ≤75% in the annual mean without formation of condensation

EMV DIN 61326

CE-sign Conformity in accordance with 2014/30/EU

Safety requirement DIN 61010

Housing



• Ordering code

	IP	C	4.	0	0	0	3.	5	7	6	2	B	
Processor device													Version
													B Version B
Type													Setpoints
Counter		C											2 2 setpoints
Number of digits													Mechanical options
4 digits													5 Protection IP54, plug-in terminal
													7 Protection IP65 at the front, plug-in terminal
Interface													Power supply
not available													7 24 VDC (galvanic isolated)
Sensor supply													Size of housing
not available													5 72x24 mm (BxH)
Analog output													Counter
not available													3 Counter