

PC4 – 4-digit counter in 72x36 mm (BxH)

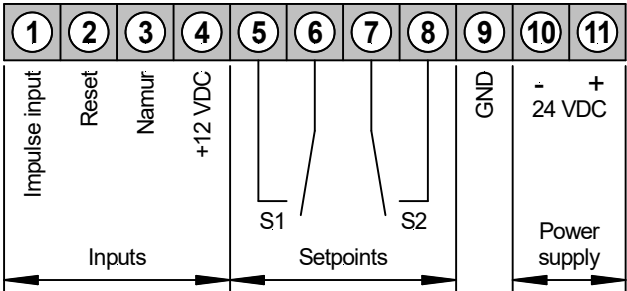
- red display from 0...9999 digit (optional green)
- pulse counter with display factor and reset
- timer with start-/stop- or reset function
- timer steps from 10 ms to 9999 s adjustable
- counter value storing during power failure and malfunction
- adjustable forward-/backward counting with initial 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 NUMBER EUR
(without options)

PC4.0H03.6742C on request

• Impulse counter



Power supply 24 VDC
(galvanic isolated)

• Order key options

P	C	4	0	H	0	3	6	7	4	2	C			EUR
												G	Green LED on demand	
												1	Protection class IP65 at the front	10.90
												7	Protection class IP65 at the front and plug-in terminal	21.00
												9	plug-in terminal	9.70

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

• Technical data

Housing	Dimension	72 x 36 x 103 mm (WxHxD) including screw terminal 72 x 36 x 115 mm (WxHxD) including plug-in terminal
	Assembly cut out	68.0 ^{+0.7} x 33.0 ^{+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	ca. 140 g
	Connection	screw terminal /screw plug-in terminal; uni diameter joint up to 2.5 mm ²
Indication	Character height	14 mm
	Segment colour	red
	Display	4-digit
Input	Impulse instalment	10.000 impulses/s max. 30 pulses/s with active damping
	Input resistance	approx. 5 kΩ
	Input voltage	±5...24 V
	HIGH- / LOW level	≥ 6 V / < 4 V
Output	Sensor supply	12 VDC/15 mA (not galvanic isolated)
	Setpoints	30 VAC/0.4 A – 30 VDC / 0.4 A
	PhotoMos	Input – output voltage / disruptive discharge 100 VAC
Power unit	Power supply	24 VDC / ±10%
	Power consumption	max. 5 VA
Memory	EEPROM	Data conservation >30 years

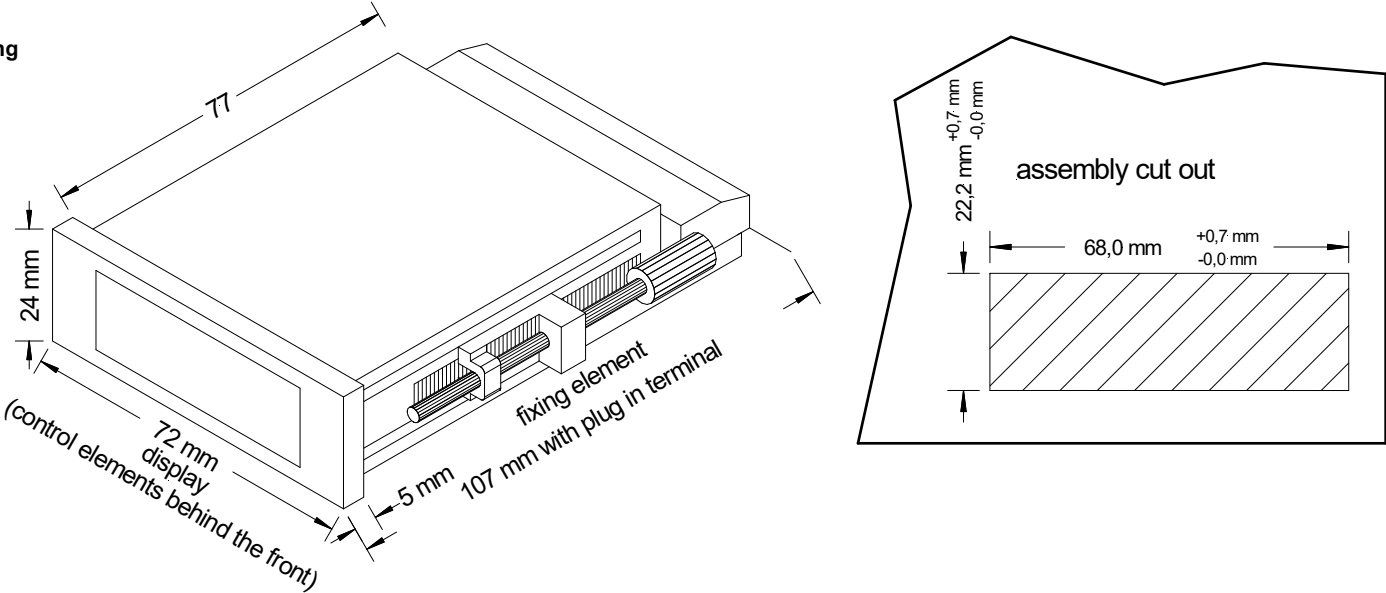
Ambient conditions	Working temperature	0 up to +60°C
	Storing temperature	-20 up to +80°C
	Climatic conditions	rel. humidity ≤75% in the annual mean without formation of condensation

EMV DIN 61326

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

Safety requirement DIN 61010

Housing



• Ordering code

P C 4. 0 H 0 3. 6 7 4 2 C											
Processor device				Version							
Type				Version C							
Counter				2							
Number of digits				2 switching points							
4 digits				Mechanical options							
Interface				1 Keypad, protection IP65, screw terminal							
not available				4 Keypad, protection IP54, screw terminal							
Sensor supply				7 Keypad, protection IP65, plug-in terminal							
12 VDC / 15 mA				9 Keypad, protection IP54, plug-in terminal							
Analog output				Power supply							
not available				7 24 VDC (galvanic isolated)							
Size of housing				6 72x36 mm (BxH)							
Counter				3 Counter							