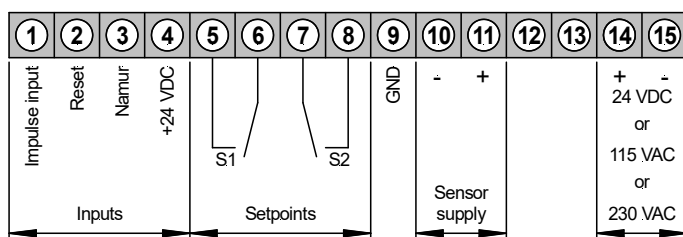


PC6 – 6-digit counter in 96x48 mm (BxH)

- red display from 0...999999 digit (optional green)
- pulse counter with display factor and reset
- timer with start-function, stop-function or reset function
- timer steps from 10 ms to 999999 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



• Impulse counter



Power supply 230 VAC
 Power supply 115 VAC
 Power supply 24 VDC
 (galvanic isolated)

ORDER NUMBER **EUR**
 (without options)

PC6.0303.1542B on request
PC6.0303.1442B on request
PC6.0303.1742B on request

• Order key options

P	C	6.	0	3	0	3.	1	X	4	2	B		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	26.00
												9	Protection class IP54 at the front and plug-in terminal	15.10

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

• Technical data

Housing	Dimensions	96 x 48 x 134 mm (WxHxD) including screw terminal 96 x 48 x 148 mm (WxHxD) including plug-in terminal
	Assembly cut out	92.0 ^{+0.8} x 45.0 ^{+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. 390 g
Connection	Connection	screw terminal / plug-in terminal; uni diameter joint up to 2.5 mm ²
	Indication	Character height 14 mm Segment colour red Display 6-digit
Input	Impulse installment	10000 pulses/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	24 VDC/15 mA
	galvanic isolated	
	Setpoints	30 VAC/0.4 A – 30 VDC / 0.4 A
	PhotoMos	Input – output voltage / disruptive discharge 100 VAC
Power unit	supply voltage	230 VAC / 50/60 Hz / ±10% 115 VAC / 50/60 Hz / ±10% 24 VDC / ±10%
	power consumption	max. 5 VA
	Memory	EEPROM

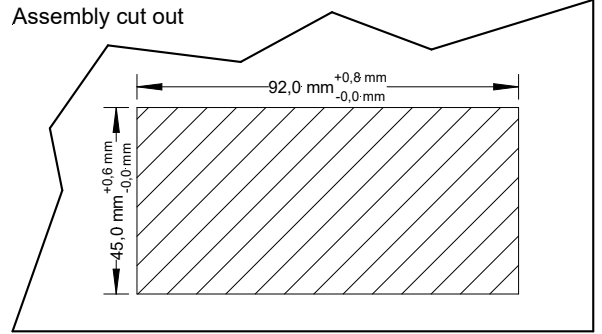
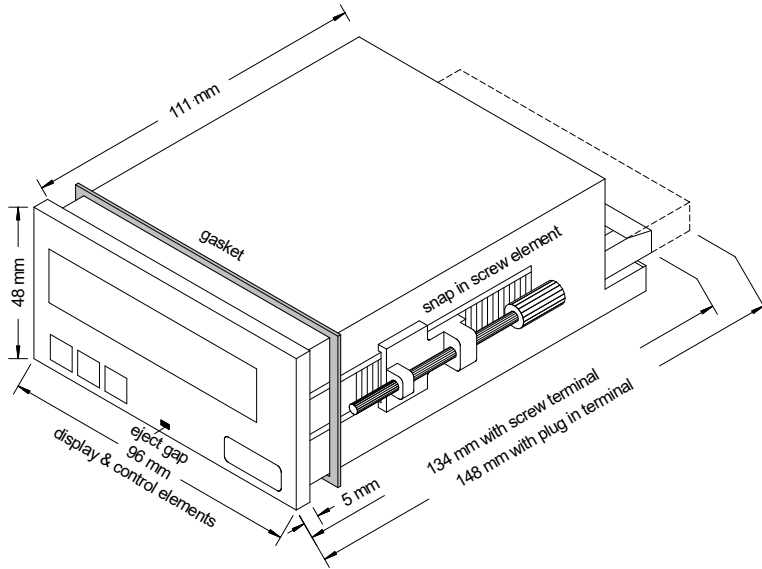
Ambient conditions Working temperature 0 up to +60 °C
 Storing temperature -20 up to + 80 °C
 Climatic conditions rel. humidity ≤75% in the annual mean without formation of condensation

EMV DIN 61326

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

Safety standard DIN 61010

Housing



• **Ordering code**

	P	C	6	0	3	0	3	1	7	4	2	B	
Processor device													
Type Counter	C											Version B Version B	
Number of digits 6 digits	6											Switching points 2 2 switching points	
Interface not available	0											Mechanical options 1 Keypad, protection IP65, screw terminal 4 Keypad, protection IP54, screw terminal 7 Keypad, protection IP65, plug-in terminal 9 Keypad, protection IP54, plug-in terminal	
Sensor supply 24 VDC / 15 mA	3											Power supply 4 115 VAC 5 230 VAC 7 24 VDC (galvanic isolated)	
Analog output not available	0											Size of housing 1 96x48 mm (BxH)	
												3 Counter	