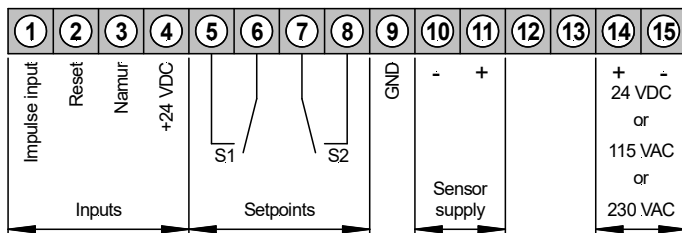


IPC6 – 6-digit counter in 96x48 mm (BxH)

- 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)

IPC6.0303.1542B on request
IPC6.0303.1442B on request
IPC6.0303.1742B on request

• Order key options

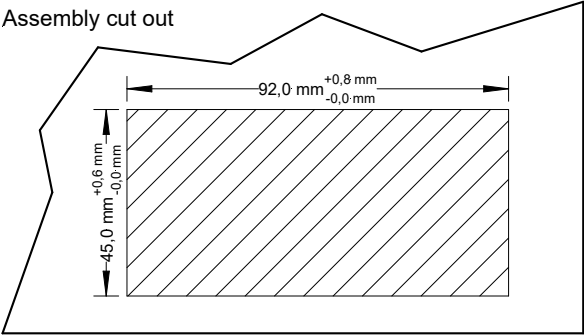
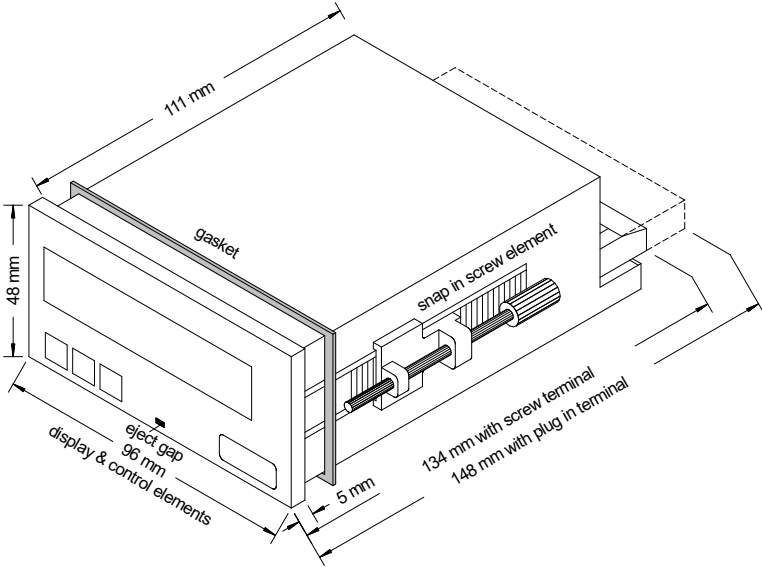
IP	C	6.	0	3	0	3.	1	X	4	2	B			EUR
												G	Green LED on demand	
												1	Protection class IP65 at the front	10.90
												7	Protection class IP65 at the front and plug-in terminal	26.00
												9	Protection class IP54 at the front and plug-in terminal	15.10

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
Indication	Connection	screw terminal / plug-in terminal; uni diameter joint up to 2.5 mm ²
	Character height	14 mm
	Segment colour	red
	Display	6-digit
	Impulse installment	10000 pulses/s max 30 pulses/s with active damping
	Input resistance	approx. 5 kΩ
	Input voltage	±5...24 V
Input	HIGH- / LOW level	≥6 V / <4 V
	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
	supply voltage	230 VAC / 50/60 Hz / ±10% 115 VAC / 50/60 Hz / ±10% 24 VDC / ±10%
	power consumption	max. 5 VA
Power unit		
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 standard	DIN 61010	
Housing		



• Ordering code

IP C 6. 0 3 0 3. 1 7 4 2 B											
Processor device						Version					
Type Counter						B Version B					
Number of digits 6 digits						Switching points					
Interface not available						2 2 switching points					
Sensor supply 24 VDC / 15 mA						Mechanical options					
Analog output not available						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					
						Power supply					
						4 115 VAC					
						5 230 VAC					
						7 24 VDC (galvanic isolated)					
						Size of housing					
						1 96x48 mm (BxH)					
						3 Counter					