

**C1030110**
**COUNTERS • PULSE COUNTERS**

In industrial applications, counting, adding / subtracting of pulses, measuring paths or detecting times are common task areas. However, the use of a PLC is not worthwhile evaluating one or two sensors only. In this case, the multi-function encounters of ipf electronic are a good alternative. Various evaluation variants, amongst others frequency meters, sum counters, time relays, tachometers or wear / maintenance counters enable the use in a variety of applications. The batch counter or total sums function also make more complex tasks possible. The integrated front keypad can conveniently be used to program a pre-selection value or the signal evaluation mode for the operation of a linear measurement system or a rotary encoder.


**MECHANICAL DATA**

Ambient temperature	-10 °C ... 55 °C
Degree of protection (IP)	IP66
Height	48 mm
Housing material	Plastic
Installation depth	72 mm
Length	67.5 mm
Mounting method	Front mounting
Suitable for serial installation	No
Width	48 mm

**ELECTRICAL DATA**

1. output voltage at AC (MAX)	250 V
Adding	Yes
Counting frequency	5 kHz
Difference (up, down)	Yes
Display	LED
Display range	9999
Display range	-999
Number of decades	4
Number of pins	10
Number of presets to be set	1
Number of switching outputs	1
Operating voltage	12 V ... 24 V
Power consumption	3 W
Primary voltage	24 V
Pulse counter	Yes
Rated control supply voltage $U_s$ at DC	12 V ... 24 V
Response time	0 ms
Subtracting	Yes
Switching current	5 A
Switching voltage	250 V

**ELECTRICAL DATA**

Timed output	1 s
Type of electrical connection	Screw connection
Type of switching function	Change-over contact (NO/NC)
Type of switching output	Relay contact
Voltage type	DC
With reset function	Yes

**DIMENSIONAL DRAWING****INSTALLATION**

Mounting / Installation may only be carried out by a qualified electrician!

**DISPOSAL****SAFETY WARNINGS**

Before initial operation, please make sure to follow all safety instructions that may be provided in the product information!