

## C1095410

### 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 (MAX)	60 °C
Ambient temperature (MIN)	-10 °C
Degree of protection (IP)	IP65
Height	24 mm
Housing material	Plastic
Installation depth	53.5 mm
Length	48 mm
Mounting method	Front mounting
Storage temperature	70 °C
Width	48 mm

#### ELECTRICAL DATA

Adding	Yes
Counting frequency	0.03 kHz
Display	LCD
Display range	9999999
Display range	-9999999
Input voltage (MAX)	28.8 V
Input voltage (MIN)	19.2 V
Max. npn input frequency	30 Hz
Max. pnp input frequency	12000 Hz
Number of pins	8
Operating voltage (MAX)	260 V
Operating voltage (MIN)	10 V
Primary voltage	260 V
Pulse counter	Yes
Rated control supply voltage Us at AC 50HZ (MAX)	260 V
Rated control supply voltage Us at AC 50HZ (MIN)	10 V
Rated control supply voltage Us at DC (MAX)	260 V
Rated control supply voltage Us at DC (MIN)	10 V
Type of electrical connection	Screw connection

**OPTICAL DATA**

Background lighting of LC display

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!

Never use these devices in applications where the safety of a person depends on their functionality.