IPF ELECTRONIC

DATA SHEET CI030110 • Subject to alteration! Version: 04.07.2019

CI030110

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)	55 °C
Ambient temperature (MIN)	-10 °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 (MAX)	24 V
Operating voltage (MIN)	12 V
Power consumption	3 W
Primary voltage	24 V
Pulse counter	Yes
Rated control supply voltage Us at DC (MAX)	24 V
Rated control supply voltage Us at DC (MIN)	12 V
Response time	0 ms

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ELECTRICAL DATA

Subtracting	Yes
Switching current	5 A
Switching voltage	250 V
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!

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

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