

C1200120

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.



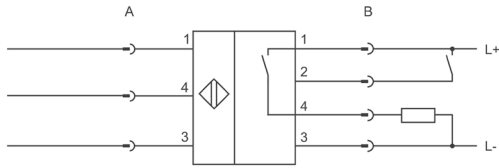
MECHANICAL DATA

Ambient temperature (MAX)	60 °C
Degree of protection (IP)	IP67
Housing material	Plastic
Length	60 mm
Suitable for serial installation	No

ELECTRICAL DATA

1. output voltage at DC (MAX)	30 V
1. output voltage at DC (MIN)	10 V
Adding	Yes
Counting frequency	10 kHz
Max. output current	400 mA
No-load current	10 mA
Number of pins	4
Number of presets to be set	1
Number of switching outputs	1
Operating voltage (MAX)	30 V
Operating voltage (MIN)	10 V
Pulse counter	Yes
Rated control supply voltage U_s at DC (MAX)	30 V
Rated control supply voltage U_s at DC (MIN)	10 V
Response time	0 ms
Type of electrical connection	Connector M12
Type of switching function	Normally open contact (NO)
Type of switching output	PNP
Voltage type	DC
With reset function	No

CONNECTION

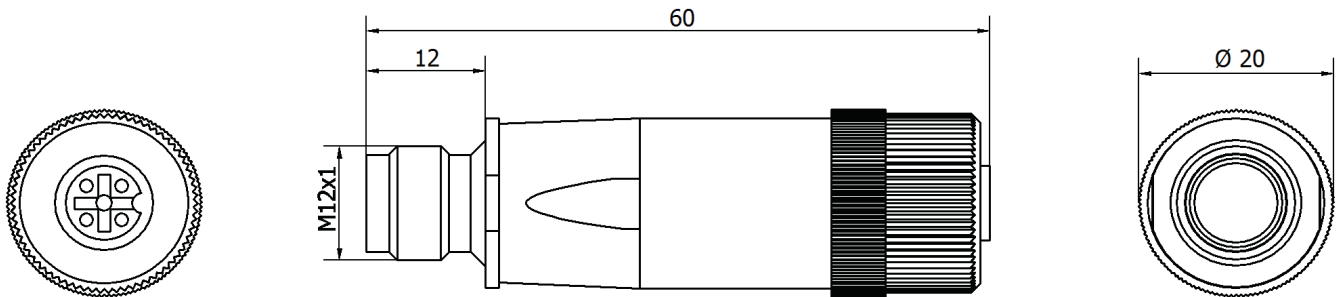


Colors: A: 1 = BN (brown), 3 = BU (blue), 4 = BK (black)

B: 1 = BN (brown), 2 = WH (white), 3 = BU (blue), 4 = BK (black) **Functions:** A: BN = L+, BU = L-, BK = PNP NO

B: 1 = L+, 2 = teach-In, 3 = L-, 4 = PNP NO

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.