

MEPC121 – Spread Controller



- Proportional control for up to 2 hydraulic solenoid coils
- ON/OFF control for up to 2 lightings
- Adjustable maximum and minimum output current
- Adjustable ramp up/down
- Adjustable dither frequency

1. Description

MEPC121 spread controller provides stable proportional control with its adjustable maximum and minimum output current, ramp up/down and dither frequency for 2 hydraulic solenoid coils. In addition to proportional control, MEPC121 also provides ON/OFF control for up to 2 lightings.

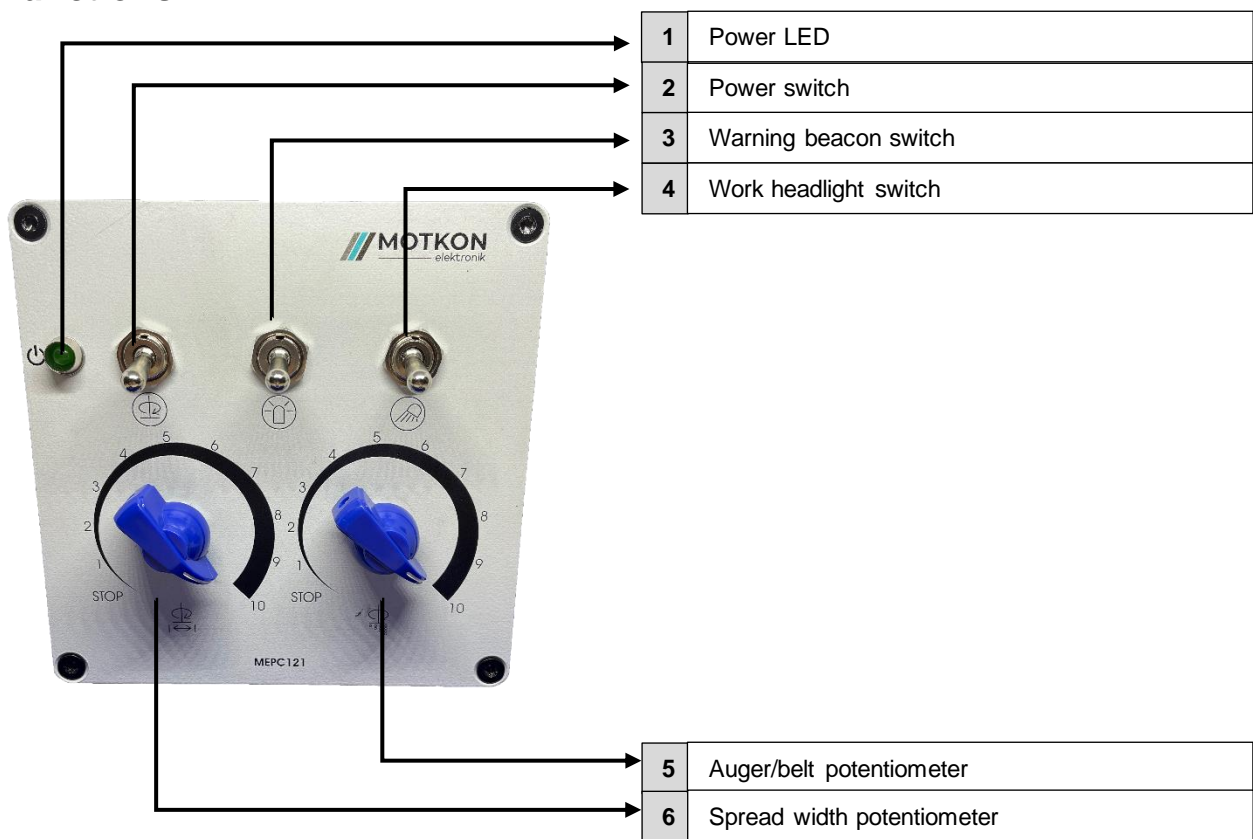
2. Area of use

- Road maintenance vehicles
- Municipal vehicles
- Agricultural and forestry machines
- Construction trucks

3. Technical data

	Unit	Description, value
Supply voltage	V DC	10-30
Dimensions	mm	132 x 132 x 103
Connection type		16-pin connector
Protection class		IP 51
Outputs	A	Solenoid coils (proportional): 2 x 2,5 (max.) Lightings: 2 x 2,5 (max.)
Dither frequency	Hz	Programmable in the interval [100, 500]. Please contact supplier.

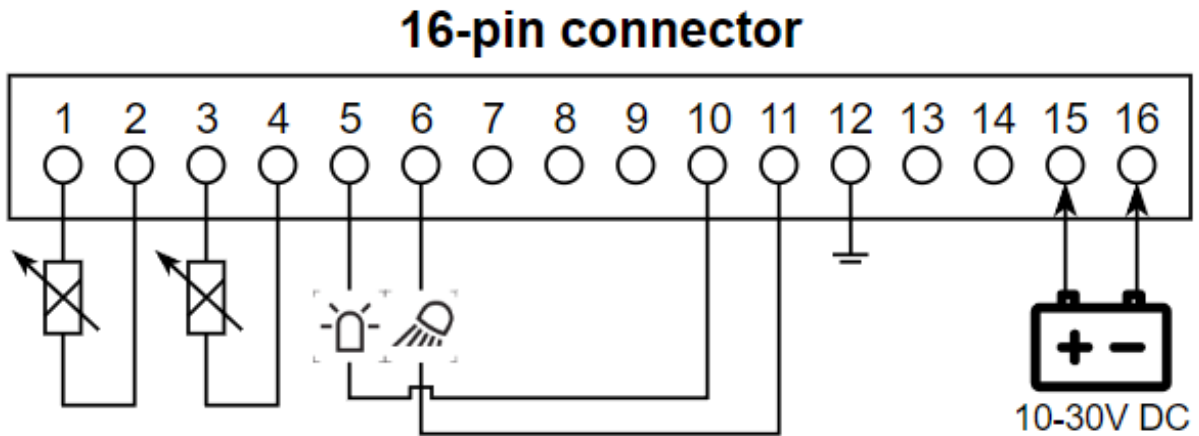
4. Functions



5. Connections

Pin Number	Connection	Pin Number	Connection
1	Spread width solenoid	9	n/a
2	Spread width solenoid	10	Warning Beacon GND (-)
3	Auger/belt solenoid	11	Work headlight GND (-)
4	Auger/belt solenoid	12	GND (-)
5	Warning beacon (+)	13	n/a
6	Work headlight (+)	14	n/a
7	n/a	15	Main Vcc (+)
8	n/a	16	Main GND (-)

Wiring diagram



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