

Illumination controller PLC2 - Technical data



- external illumination controller for continuous / switch operation
- continuous operation or switching over inputs
- brightness can be regulated internally (potentiometer) or externally with a VC analogue input
- automatic deactivation of the potentiometer operation when a voltage more than 1 V is connected to the analogue input
- robust industrial model, Aluminium casing, IP40
- M16 12-pin plug drag chain connection cable with an M16 12-pin socket in different lengths available as accessory
 ↪ [please note page 211 of the main product catalogue](#)



Price list: page 384 of the main product catalogue

Operation mode	Continuous / switch	load-free switching via TTL and SPS input
Operation voltage	19...30 V DC	wide range voltage input
Brightness regulation	Potentiometer / VC	Potentiometer: 0...100 % or VC: 0...100 % when connected to a voltage of 1...10 V DC on the VC analogue input When connected to a voltage of >1 V on the VC-input the potentiometer will be deactivated. We recommend to turn the potentiometer anti-clockwise during VC-operation.
Switch operation	TTL PLC	load-free, opto isolated switching inputs TTL - High = 3 – 30 V DC SPS – High = 15 – 30 V DC connect the GND trigger switching period is controlled via trigger signal
Continuous operation		The trigger input need a permanent high signal (e. g. connection of the operating voltage) for continuous mode connect the GND trigger
Ambient temperature	5 - 45 °C / 37 - 113 °F	non-condensing
Weight	0,55 kg	
Protection class	IP 40	
Connection	M16 12-pin plug	

Pin arrangement M16 plug

A+K	white	GND	GND Operation voltage	
B+L	brown	U _B	Operation voltage	
C	green	NC	NC	
D	yellow	VC	Brightness regulation 1...10 V DC	
E	grey	+ ON / OFF TTL	Switching input, TTL > 3 V DC	
F	pink	+ ON / OFF SPS	Switching input, SPS > 15 V DC	
G	blue	GND ON / OFF	GND switch circuit	
H	Shield	Shield	Shield connection	
J	nc	NC	NC	
M	nc	NC	NC	

Illumination controller PLC2 - Technical drawing

