

Illumination controller FLC2-xxx* - Technical data



- external illumination controller for flash operation
- 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
- *settable flash times: Typ FLC2-100 10...100 µs / 100 HZ max.
Typ FLC2-220 20...220 µs / 35 HZ max.
- different trigger modes
- 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](#)



*T1-Adapter cable:
starting on page 212 of the main
product catalogue*



*Price list: page 384 of the
main product catalogue*

Operation mode	Flash	
Operation voltage	19...30 V DC	wide range voltage input
Trigger modes	TTL / SPS	TTL: rising slope at trigger input, min. 2,8 V DC, max. 30 V DC SPS: rising slope at trigger input, min. 15 V DC, max. 30 V DC
Flash times	10 - 100 µs / 20 - 220 µs	adjustable with potentiometer, max. flash frequency 100 Hz or 35 Hz
Brightness regulation	Potentiometer / VC	Potentiometer: 0...100 % or VC: 0...100 % when connected to a voltage of 2...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.
Ambient temperature	5 - 45 °C / 37 - 113 °F	non-condensing
Weight	0,65 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 2...10 V DC
E	grey	+ Trigger TTL	TTL >3 V, rising slope
F	pink	+Trigger SPS	SPS >15 V rising slope
G	blue	GND Trigger	GND trigger circuit
H	Shield	Shield	Shield connection
J	nc	NC	NC
M	nc	NC	NC

Illumination controller FLC2-xxx - Technical drawing

