



MV-LUX 0-1000Lx

## Terminal

Plug-screw terminal  
8 pin, max. 2,5 qmm

Adjust gain slope  
Adjust offset / zero  
LED output

1: output 1, + 10V  
2: output - GND  
3: output 2, + 20mA

4: input 1, LF.. sensor  
5: input 2, LF.. sensor  
6: /

7-8: supply 24V AC/DC

LED power supply

## Technical Data

Input, pin 4-5 LF.. light sensor  
Lighting range and sensor type to custom order  
Light sensor type:  
LF 1 datasheet B 313 0 – 20 000 Lux, plastic case  
LF 1.1 “ 0 – 100 000 Lux, “  
LF 8 “ 0 – 20 000 Lux, built in sensor  
Order the sensor LF... separate.

Output 1, pin 1-2 0-10V (2-10V) DC  
Output current max. 20mA  
Output 2, pin 3-2 0-20mA (4-20mA) DC  
Output load resistor max. 800 Ohm  
Precision 0,3 %  
Power supply 24V AC/DC, +-15%  
Power current max. 70mA  
Isolation supply 500 Vss  
Operating temperature -10 - +50°C  
Storage temperature -30 - +80°C  
Construction PCB, TS35, EN50022  
Weight 110g  
Dimensions 24 x 72 x 94 mm (BxHxT)

Converter for light sensor LF... to standard analog signals.

Order the input lighting value, sensor type and the output value for the calibration, 0-10V / 0-20mA or 2-10V / 4-20mA.

Offset-correction affects parallel shifting of the curve, gain-correction affect the slope of the curve, see sheet AN B100.

Electrical isolation to power supply, LED's supply and output.

### **RINCK ELECTRONIC GMBH**

Kleekamp 6  
D-27356 Rotenburg (Wümme)  
[www.rinck-electronic.de](http://www.rinck-electronic.de)  
info@rinck-electronic.de

### **CONVERTER MV-LUX ...**

Input	Light sensor LF...,	converting range to order
Output 1	0-10V or 2-10V DC	order value
Output 2	0-20mA or 4-20mA DC	“
Power supply	24 V AC/DC	

**B 312**

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