

> em4

Accessories

LDR Probe

- > Direct connection with no converter on analog input
- > Low cost light control solution
- > Fields of application:
 - Lighting control
 - Energy saving
 - Building management



LDR Probe

Specific characteristics

Description	Measurement range	Code
Light sensor LDR1 for em4 (24 VDC, ± 10 %)	10 → 3000 Lux	89 750 183

General characteristics

Environmental characteristics

Accuracy	< 10 % of full scale
Peak spectral response	600 ± 20 nm
Drift Temperature (%/ °C)	0.5 %/ °C
Operating temperature	-20 → +70 °C
Storage temperature	-20 → +70 °C

Mechanical characteristics

Cable length	3000 mm
Protection rating	IP64
Mounting by screw	Ø 5 mm
Mounting	Hole Ø 10 mm, thickness 9 mm max.

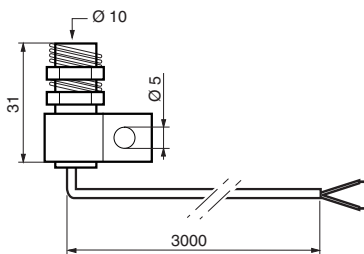
Comments

Analog input configured as potentiometer via the function (LUX-1, with em4 soft).

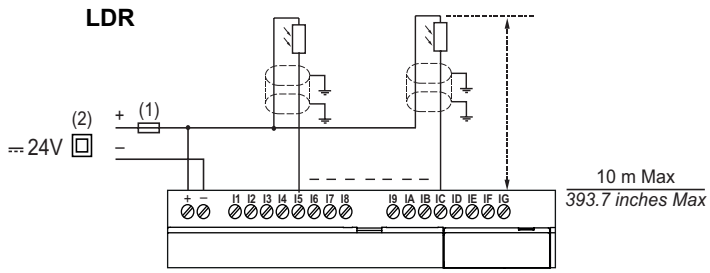
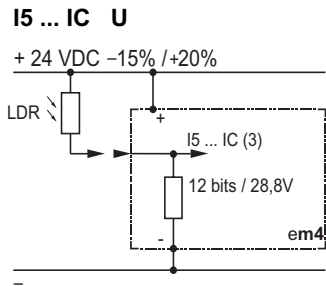
Diagrams

Dimensions (mm)

89 750 183



Connections



- (1) 1 A (UL248) quick-blowing fuse, circuit-breaker or circuit protector (US)
- (2) Isolating source
- (3) Configured input "potentiometer"